

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | |
|-----------------------------|--------------|
| C Number: | C60786B |
| Lock Date: | Not Entered. |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Both |
| PWG Approval Date | 12/12/1990 |

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 1 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040178 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|----------------------------------|------------------|------------------|
| Islets, Pancreatic | Hyperplasia | Minimal |
| Kidney | Nephropathy | Chronic, Minimal |
| Liver | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 5-21 | | |
| Thymus | Cyst | Minimal |
| Tooth | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|----------------------------|-------------------------|
| ANIMAL ID: 2 | TRT#: 1 | SEX: Male | DAY ON TEST: 667 |
| | DOSE: VEHICLE CONTROL | DISP: Natural Death | HISTO: A86040179 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------------|----------------------|--------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hemangiosarcoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| [Eosinophilic Focus TGLS = 5-21] | | | |
| Spleen | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 2-6-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 3 | TRT#: 1 | SEX: Male | DAY ON TEST: 725 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040180 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Liver | | Mixed Cell Focus | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pituitary Gland | Pars Distalis | Cyst | Minimal |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | | |
| [Hemangiosarcoma TGLS = 2-21] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-21] | | | |
| Stomach | Forestomach | Squamous Cell Carcinoma | |
| | | | |
| [Squamous Cell Carcinoma TGLS = 4-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 4 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040181 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------------|-------------|--------------------|------------------|
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| [Eosinophilic Focus TGLS = 3-22] | | | |
| Skin | Subcut Tiss | Hemangioma | |
| Note: HEMANGIOMA TGLs = 1-21 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 5 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040182 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------|------|-------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 6 | TRT#: 1 | SEX: Male | DAY ON TEST: 527 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040183 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------|-------------|------------------|--------------------------|
| Liver | | Clear Cell Focus | |
| Nose | | Foreign Body | Mild |
| | | Fungus | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pancreas | Acinus | Atrophy | Minimal |
| | | Basophilic Focus | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 5-4] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 7 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040011 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | |
|--|----------------------------------|--------------------|
| Heart | Inflammation | Subacute, Moderate |
| Kidney | Nephropathy | Chronic, Minimal |
| Liver | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 3-24] | | |
| Preputial Gland | Duct | Moderate |
| Note: CYST TGLs = 2-22 | | |
| Spleen | Hematopoietic Cell Proliferation | Mild |
| Tooth | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 8 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 611
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** A86040184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|------------------------|--------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Islets, Pancreatic | | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-29] | | | |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 5-23,7-25] | | | |
| [Hepatocellular Carcinoma TGLS = 4-22] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pancreas | Acinus | Atrophy | Moderate |
| | | Sarcoma | |
| Preputial Gland | Duct | Cyst | Mild |
| | | Inflammation | Subacute, Mild |
| [Cyst TGLS = 2-28] | | | |
| [Inflammation TGLS = 1-21] | | | |
| Skeletal Muscle | | Fibrosarcoma | |
| Note: FIBROSARCOMA FROM MUSCLE OF THORACIC WALL POSSIBLY | | | |
| [Fibrosarcoma TGLS = 9-27] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|---------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 8 | TRT#: 1 | SEX: Male | DAY ON TEST: 611 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040184 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|--------|--|----------------------------------|----------|
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
|--------|--|----------------------------------|----------|

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 8

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85033596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | |
|--------|---------|--------|
| Spleen | Atrophy | Marked |
|--------|---------|--------|

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:12

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------------------------------|--------------|--|--------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Harderian Gland | | Hyperplasia | Mild |
| Kidney | Renal Tubule | Hyperplasia | Mild |
| | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | [Hepatocellular Adenoma TGLS = 3-22] | |
| | | [Hepatocellular Carcinoma TGLS = 2-21] | |
| Pancreas | Acinus | Atrophy | Mild |
| Note: ATROPHY ON SLIDE 5 AND 7 | | | |
| Preputial Gland | | Inflammation | Subacute, Moderate |
| | | [Inflammation TGLS = 1-23] | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:12
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------|----------------------------------|------------------|
| Ear | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 1-21] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| Note: EOSIN FOCUS TGLs = 7-24 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2-1 | | | |
| Mesentery | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 3-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 4-23] | | Hematopoietic Cell Proliferation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 12 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040187 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--------------------------------|----------------------------|----------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Moderate Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 13 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 724
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** A86040188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|------------------------------|----------------------------------|
| Eye Note: INFLAMMATION TGLs = 1-21 | Cornea | Inflammation | Subacute, Mild |
| Harderian Gland Note: ADENOMA TGLs = 5-23 | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver Note: HEPATOCLR CARC TGLs = 4-22 | | Hepatocellular Carcinoma | |
| Lymph Node Note: ANGIOECTASIS TGLs = 3-5 | Mesenteric | Angiectasis | Mild |
| Nose | | Foreign Body Inflammation | Mild Suppurative, Acute, Mild |
| Preputial Gland Note: CYST TGLs = 2-8-1 | Duct | Cyst | Mild |
| Stomach Note: HYPERPLASIA TGLs = 6-4-1 | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------|------|--------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1,2-8-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 640

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|--|-------------------|
| Adrenal Gland [Hyperplasia TGLS = 4-21] | Cortex, Spindle Cell | Hyperplasia | Moderate |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney Note: NEPHROPATHY TGLs = 5-5 | | Nephropathy | Chronic, Mild |
| Liver Note: HEPATOCLR ADEN TGLs = 7-22,8-23 | | Hepatocellular Adenoma | Multiple, Two |
| Lung Note: ALV BRON CARC TGLs = 10-2 [Alveolar/Bronchiolar Carcinoma TGLS = 9-2] | Mediastinum | Alveolar/Bronchiolar Adenoma Alveolar/Bronchiolar Carcinoma Alveolar/Bronchiolar Carcinoma | Metastatic (Lung) |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Thymus Note: ALV BRON CARC TGLs = 9-2 | Mediastinum | Alveolar/Bronchiolar Carcinoma | Metastatic (Lung) |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|---|--|---------------|
| Liver | Hepatocellular Adenoma Mixed Cell Focus | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 1-21,2-22] | | |
| Lung | Alveolar/Bronchiolar Adenoma | Multiple, Two |
| [Alveolar/Bronchiolar Adenoma TGLS = 3-2] | | |
| Pancreas | Basophilic Focus | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------------|-----------------|-----------------------------------|---------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLs = 1-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 3-21 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 18 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040013 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Preputial Gland | | Inflammation | Subacute, Mild |
| [Inflammation TGLS = 1-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 4-22 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 19 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040192 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|-------------|---------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|-----------------|-----------------------------------|-----------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| | Cortex | Hypertrophy | Focal, Moderate |
| Preputial Gland | Duct | Cyst | Mild |
| Note: CYST | TGLs = 1-8-1 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 21 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040194 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|--|----------------------|------------------------|------------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Harderian Gland | | Adenoma | |
| | | Carcinoma | |
| [Carcinoma TGLS = 3-9+9-1] | | | |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Lung | | Carcinoma | Metastatic (Harderian Gland) |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|---------------------------------------|----------------|----------------------------------|---------------|
| Kidney | | Hydronephrosis | Mild |
| | | Nephropathy | Chronic, Mild |
| [Hydronephrosis TGLS = 4-5] | | | |
| Liver | | Hepatocellular Carcinoma | Multiple, Two |
| Note: HEPATOCLR CARC TGLs = 5-22,6-23 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-2] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 9-4-1 | | | |
| Thyroid Gland | Follicle | Cyst | Mild |
| | Follicular Cel | Hyperplasia | Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Prostate
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Salivary Glands
Testes

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Pituitary Gland
Skin
Trachea

MISSING

Gallbladder Mammmary Gland

OBSERVATIONS

Kidney Lymphoma Malignant Mixed Nephropathy Chronic, Moderate

[Lymphoma Malignant Mixed TGLS = 4-5]
[Nephropathy TGLS = 4-5]

Liver Basophilic Focus
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma

Note: BASOPHILIC FOCUS ON SLIDE 6
[Eosinophilic Focus TGLS = 5-23]
[Hepatocellular Adenoma TGLS = 1-21]
[Hepatocellular Carcinoma TGLS = 2-22]

Lymph Node Mandibular Mesenteric Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Spleen Hematopoietic Cell Proliferation Lymphoma Malignant Mixed Mild

Note: HEMA CELL PROL TGLs = 3-6
Note: LYMPH MAL MIXD TGLs = 3-6

Stomach Forestomach Hyperplasia Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 23 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040014 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|-------------------|----------------|--------------|-----------------|
| Note: HYPERPLASIA | TGLs = 6-24 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Minimal |

| | |
|-------------------------------|---|
| PRIMARY CAUSE OF DEATH | - |
|-------------------------------|---|

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 692

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Nose |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thyroid Gland | Trachea | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|---|-------------|--------------------------------|------------------|
| Epididymis | | Lymphoma Malignant Mixed | |
| Harderian Gland | | Lymphoma Malignant Mixed | |
| Heart | | Lymphoma Malignant Mixed | |
| Kidney | | Lymphoma Malignant Mixed | |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 5-21 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | |
| | Mediastinum | Lymphoma Malignant Mixed | |
| [Alveolar/Bronchiolar Adenoma TGLS = 3-2] | | | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 3-2] | | | |
| Lymph Node | Mediastinal | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 4-2] | | | |
| Mesentery | | Lymphoma Malignant Mixed | |
| Pancreas | Acinus | Atrophy | Moderate |
| | | Lymphoma Malignant Mixed | |
| Prostate | | Lymphoma Malignant Mixed | |
| Thymus | | Lymphoma Malignant Mixed | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 692

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040196

ORGAN AND ACCOUNTABLE SITE STATUS

| | | |
|-----------------|--------------------------|------|
| Tooth | Dysplasia | Mild |
| Urinary Bladder | Lymphoma Malignant Mixed | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 25 | TRT#: 1 | SEX: Male | DAY ON TEST: 540 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040197 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Bone | Bone Marrow | Brain | Coagulating Gland |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|---|----------------------------------|----------------------|
| Adrenal Gland | Cortex | Hyperplasia | Minimal |
| | Medulla | Hyperplasia | Moderate |
| Kidney | | Nephropathy | Chronic, Moderate |
| | [Nephropathy TGLS = 2-5] | | |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Carcinoma | Multiple, Two |
| | | Necrosis | Multifocal, Moderate |
| | [Hepatocellular Carcinoma TGLS = 4-21,5-22] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | [Hematopoietic Cell Proliferation TGLS = 1-6] | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| | Note: HYPERPLASIA TGLs = 7-23+4 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|-------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------------------------|---------------------------------------|-----------------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Mild Focal, Minimal |
| Intestine Large Note: FIB HISTIOCYT TGLs = 3-23 | Rectum | Fibrous Histiocytoma | |
| Kidney Liver Note: HEPATOCLR ADEN TGLs = 1-21,2-22 | | Nephropathy Hepatocellular Adenoma | Chronic, Minimal Multiple, Two |
| Stomach Note: HYPERPLASIA TGLs = 6-24 | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|----------|
| Mammary Gland | Prostate |
|---------------|----------|

OBSERVATIONS

| | | | |
|----------------------------------|----------------|--------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-2] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 2-21 | | | |
| Testes | | Angiectasis | Mild |
| Note: [ANGIECTASIS] TGLs = 4-7 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 28 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040015 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|------------------------|-------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Basophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | | |
| [Basophilic Focus TGLS = 5-22] | | | |
| [Hepatocellular Adenoma TGLS = 3-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| | | Inflammation | Subacute, Minimal |
| | | | |
| [Cyst TGLS = 1-8,2-8] | | | |
| [Inflammation TGLS = 1-8,2-8] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-23 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 29 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040200 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|------------------|------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| | Glandular | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-4-1] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 30 | TRT#: 1 | SEX: Male | DAY ON TEST: 575 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040201 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------|---------------|
| Gallbladder | Mammary Gland |
|-------------|---------------|

OBSERVATIONS

| | | | |
|---|------------|----------------------------------|-------------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR ADEN TGLs = 5-6-1 | | | |
| Note: HEPATOCLR CARC TGLs = 4-21 | | | |
| Lymph Node | Mesenteric | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 3-5] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Note: HEMA CELL PROL TGLs = 6-6 | | | |
| Stomach | Glandular | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------|-------------------------|
| ANIMAL ID: 31 | TRT#: 1 | SEX: Male | DAY ON TEST: 619 |
| | DOSE: VEHICLE CONTROL | DISP: Natural Death | HISTO: A86040202 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|--|-------------|------------------------------|---------|
| Liver | | Hepatocellular Carcinoma | |
| Note: PART OF CARCINOMA ON SLIDE 6 [Hepatocellular Carcinoma TGLS = 3-22] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2 | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 8-4-1 | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 32 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040203 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------------|-------------|-------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Harderian Gland | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 2-22 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 518

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|------|------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 2-21,3-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 34 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040205 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------|----------------------|----------------------------------|--------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| [Nephropathy TGLS = 2-5] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 35 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040206 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|--------|-------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 3-23] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 36 | TRT#: 1 | SEX: Male | DAY ON TEST: 725 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040207 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Angiectasis | Minimal |
| | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Moderate |
| [Angiectasis TGLS = 4-6] | | | |
| [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| | | Inflammation | Subacute, Mild |
| [Cyst TGLS = 2-8-1] | | | |
| [Inflammation TGLS = 2-8-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 37 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 725
DOSE: VEHICLE CONTROL **DISP:** Moribund Sacrifice **HISTO:** A86040208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Gallbladder Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lymph Node | Mesenteric | Hemangiosarcoma | |
| Note: HEMANGIOSARC TGLs = 5-5 | | | |
| Preputial Gland | Duct | Cyst | |
| [Cyst TGLS = 2-8-1] | | | |
| Skin | Subcut Tiss | Hemangiosarcoma | |
| Note: HEMANGIOSARC TGLs = 1-21 | | | |
| Spleen | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 4-6-1,7-6-1] | | Hematopoietic Cell Proliferation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 4-6-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 38 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040016 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Moderate |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 1-21 | | | |
| Nose | Nasolacrim Dct | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 39 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040209 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|-------------|------------------|
| Harderian Gland | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|--------------------------|----------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-22 | | | |
| Preputial Gland | Duct | Cyst | Moderate |
| [Cyst TGLS = 1-8] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 41 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040018 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|------------------------|---------------|
| Ear | | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 3-23] | | | |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 1-21,2-22] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: THREE DIFFERENT SECTIONS EXAMINED ON SLIDE 24 | | | |
| [Hyperplasia TGLS = 4-24] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 42 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040019 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------|------------------------|---------|
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-22] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--|--------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | Alveolar Epith | Hyperplasia | Mild |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 1-21] | | |
| | [Hyperplasia TGLS = 2-22] | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| | Forestomach | Squamous Cell Papilloma | |
| | [Hyperplasia TGLS = 5-23] | | |
| | [Squamous Cell Papilloma TGLS = 6-24] | | |
| Thyroid Gland | Follicular Cel | Adenoma | |
| | [Adenoma TGLS = 3-3] | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 44 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040210 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------|------|-------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 45 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040021 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------------------|----------|--|----------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Liver | | Clear Cell Focus | Multiple |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| | | Mixed Cell Focus | |
| | | [Clear Cell Focus TGLS = 3-21,5-23] | |
| | | [Eosinophilic Focus TGLS = 3-21] | |
| | | [Hepatocellular Adenoma TGLS = 4-22,5-23] | |
| | | [Mixed Cell Focus TGLS = 3-21] | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | | [Alveolar/Bronchiolar Carcinoma TGLS = 6-24] | |
| Thyroid Gland | Follicle | Cyst | Mild |
| | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Preputial Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|--|-------------|--------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 4-2] | | Alveolar/Bronchiolar Carcinoma | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 2-21] | | | |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 7-24 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 47 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040211 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|----------------|--|---------|
| Liver | | Clear Cell Focus Hepatocellular Adenoma | |
| [Clear Cell Focus TGLS = 3-21+22] [Hepatocellular Adenoma TGLS = 4-22] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| [Hyperplasia TGLS = 6-2] | | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|-------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | | |
|--------------------------|---------------|--------|
| Intestine Large - Rectum | Mammary Gland | Thymus |
|--------------------------|---------------|--------|

OBSERVATIONS

| | | | |
|------------------------------|-------------|-----------------|---------------|
| Epididymis | | Granuloma Sperm | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 49 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040213 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------------|----------------------|--------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Epididymis | | Granuloma Sperm | Mild |
| Kidney | | Metaplasia | Osseous, Minimal |
| Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [Basophilic Focus TGLS = 3-21] | | | |
| [Eosinophilic Focus TGLS = 4-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 6-4-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|-------------------|
| Mammary Gland | Parathyroid Gland |
|---------------|-------------------|

OBSERVATIONS

| | | | |
|---------------------------------------|---|--------------------------|--------------------------|
| Adrenal Gland | Cortex | Cyst | Minimal |
| | Cortex, Spindle Cell | Hyperplasia | Mild |
| Epididymis | | Lymphoma Malignant Mixed | |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| | | Lymphoma Malignant Mixed | |
| Note: HEPATOCLR ADEN TGLs = 5-23,8-24 | | | |
| Lymph Node | Axillary | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLs = 3-8-1] | | |
| | [Lymphoma Malignant Mixed TGLs = 9-2] | | |
| | [Lymphoma Malignant Mixed TGLs = 2-22] | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pancreas | Acinus | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 50 | TRT#: 1 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040023 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|------|-----------|------|
| Preputial Gland Note: CYST TGLs = 4-8 | Duct | Cyst | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 51

TRT#: 2

SEX: Male

DAY ON TEST: 274

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Liver

Lung

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 52

TRT#: 2

SEX: Male

DAY ON TEST: 275

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | | |
|-------------|-------------------------|---------------|
| Gallbladder | Lymph Node - Mesenteric | Mammary Gland |
|-------------|-------------------------|---------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 53 | TRT#: 2 | SEX: Male | DAY ON TEST: 275 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85034977 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | | |
|-------------------------|---------------|-----------------|
| Lymph Node - Mesenteric | Mammary Gland | Pituitary Gland |
|-------------------------|---------------|-----------------|

OBSERVATIONS

| | | | |
|---------------|--------|---------------------------|-------------|
| Adrenal Gland | Cortex | Vacuolization Cytoplasmic | Focal, Mild |
|---------------|--------|---------------------------|-------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 54 | TRT#: 2 | SEX: Male | DAY ON TEST: 275 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85034978 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------|--------------|-------------|---------------------|
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
|--------|--------------|-------------|---------------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 55

TRT#: 2

SEX: Male

DAY ON TEST: 273

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Liver

Lung

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 56

TRT#: 2

SEX: Male

DAY ON TEST: 273

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|---------------|----------------------|------|
| Thyroid Gland | Ultimobranchial Cyst | Mild |
|---------------|----------------------|------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 57 | TRT#: 2 | SEX: Male | DAY ON TEST: 274 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85034981 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|----------|--------------|-----------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
|---------------|----------|--------------|-----------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 58

TRT#: 2

SEX: Male

DAY ON TEST: 273

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 59

TRT#: 2

SEX: Male

DAY ON TEST: 275

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Liver

Lung

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spinal Cord

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Lymph Node - Mandibular

Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 60 | TRT#: 2 | SEX: Male | DAY ON TEST: 273 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85034984 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|----------|--------------|-----------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
|---------------|----------|--------------|-----------------|

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Parathyroid Gland
Seminal Vesicle
Testes
Urinary Bladder

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pituitary Gland
Skin
Thymus

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Liver
Nose
Spleen

Kupffer Cell

Hematopoietic Cell Proliferation
Pigmentation
Foreign Body
Hematopoietic Cell Proliferation
Lymphoma Malignant Lymphocytic

Minimal
Hemosiderin, Mild
Mild
Marked

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Lymphoma Malignant Lymphocytic TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 452

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 64 | TRT#: 3 | SEX: Male | DAY ON TEST: 452 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036044 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------|----------|--------------|-----------------|
| Parathyroid Gland | | Cyst | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone

Bone Marrow

Brain

Epididymis

Esophagus

Gallbladder

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Liver

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Nose

Pancreas

Parathyroid Gland

Pituitary Gland

Prostate

Salivary Glands

Seminal Vesicle

Skin

Spleen

Stomach - Glandular

Testes

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Casts Protein

Minimal

Renal Tubule

Hyperplasia

Multifocal, Mild

Stomach

Forestomach

Hyperplasia

Moderate

Forestomach

Inflammation

Subacute, Mild

Forestomach

Squamous Cell Papilloma

Note: STOMACH: PAPILLOMA ON SLIDE 4

[Hyperplasia TGLS = 1-21]

[Inflammation TGLS = 1-21]

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 66 | TRT#: 3 | SEX: Male | DAY ON TEST: 452 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036046 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | |
|---------------------|------|------|
| Preputial Gland | Duct | Cyst |
| [Cyst TGLS = 1-8] | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 67 | TRT#: 3 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036047 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|----------|--------------|--------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
|---------------|----------|--------------|--------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 68 | TRT#: 3 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036048 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------|--------------|-------------|---------------------|
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Thymus | | Cyst | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Skin
Testes

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Thymus Cyst

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 70 | TRT#: 3 | SEX: Male | DAY ON TEST: 450 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036050 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|---------------------|
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| Note: LIVER: HEPATOCELLULAR ADENOMA ALSO ON SLIDE 6 [Hepatocellular Adenoma TGLS = 1-21,2-22] | | | |
| Nose | | Foreign Body | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Thymus | | Cyst | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 71 | TRT#: 7 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040214 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Coagulating Gland |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mesentery |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|----------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| [Hepatocellular Adenoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 72 | TRT#: 7 | SEX: Male | DAY ON TEST: 701 |
| | DOSE: 100MG/KG | DISP: Moribund Sacrifice | HISTO: A86040215 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | Kupffer Cell | Hepatocellular Carcinoma | |
| | | Pigmentation | Mild |
| Note: HEPATOCELLULAR ADENOMA ALSO ON SLIDE 6 | | | |
| Note: HEPATOCLR CARC TGLs = 2-21 | | | |
| [Pigmentation TGLS = 3-22+6] | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 4-4-1 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 73 | TRT#: 7 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040216 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Hyperplasia | Mild |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | Multiple, Two |
| | Kupffer Cell | Pigmentation | Mild |
| [Clear Cell Focus TGLS = 2-21,3-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 74 | TRT#: 7 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040217 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|---------------------------|-------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------------------|---------------|
| Intestine Small - Ileum | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|--------------------------------|--------------|----------------------------------|----------|
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | | Angiectasis | Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| [Angiectasis TGLS = 4-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-4-1 | | | |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 75 | TRT#: 7 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040024 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|----------------------|--|---------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Liver | Kupffer Cell | Hepatocellular Adenoma Pigmentation | Moderate |
| Note: TGL-1 LIVER LESION IS INFARCTED [Pigmentation TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Minimal Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|----------------------------|-------------------------|
| ANIMAL ID: 76 | TRT#: 7 | SEX: Male | DAY ON TEST: 649 |
| | DOSE: 100MG/KG | DISP: Natural Death | HISTO: A86040218 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|---------------------------|-----------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large - Cecum | Intestine Large - Rectum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Nose | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | | | |
|-------------|-------------------------|---------------|--|
| Gallbladder | Lymph Node - Mesenteric | Mammary Gland | |
|-------------|-------------------------|---------------|--|

AUTO PRECLUDES DIAG.

| | | | |
|-------------------------|----------------------------|-------------------------|--------------------|
| Intestine Large - Colon | Intestine Small - Duodenum | Intestine Small - Ileum | Islets, Pancreatic |
| Pancreas | | | |

OBSERVATIONS

| | | | |
|--------|--------------|--------------|------------------|
| Kidney | | Metaplasia | Osseous, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Pigmentation | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 77 | TRT#: 7 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040219 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Epididymis | | Granuloma Sperm | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Gallbladder Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|-----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Marked |
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Hemangiosarcoma | |
| Note: HEMANGIOSARC | TGLs = 2-22,3-23,7-26 | Pigmentation | Moderate |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| Note: ALV BRON CARC | TGLs = 4-24 | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Note: HEMA CELL PROL | TGLs = 5-6+25 | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 6-4-1+4 | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 78

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040025

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 731
DOSE: 100MG/KG **DISP:** Terminal Sacrifice **HISTO:** A86040026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------------|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Marked |
| Intestine Small | Jejunum | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-22 | | | |
| Kidney | | Metaplasia | Osseous, Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| [Mixed Cell Focus TGLS = 2-6] | | | |
| [Pigmentation TGLS = 3-21] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 8-4-1 | | | |
| Tooth | | Dysplasia | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040026

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 80 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040027 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------|----------------------------------|---------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Moderate |
| [Pigmentation TGLS = 4-21] | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-2 | | | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 2-22] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 81 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040028 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| [Pigmentation TGLS = 2-22] | | | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Spleen | | Hemangioma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 3-4-1+4 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 82 | TRT#: 7 | SEX: Male | DAY ON TEST: 563 |
| | DOSE: 100MG/KG | DISP: Moribund Sacrifice | HISTO: A86040220 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|---|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangiosarcoma | |
| | | Necrosis | Focal, Moderate |
| | Kupffer Cell | Pigmentation | Moderate |
| | [Hemangiosarcoma TGLS = 4-21] | | |
| | [Necrosis TGLS = 5-6,6-22,7-23] | | |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Moderate |
| | [Hematopoietic Cell Proliferation TGLS = 3-6] | | |
| Stomach | Glandular | Erosion | Mild |
| Note: EROSION | TGLs = 9-24 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 83

TRT#: 7

SEX: Male

DAY ON TEST: 724

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------|----------------------|--------------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Note: ADENOMA | TGLs = 4-22 | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| Note: ALV BRON CARC | TGLs = 2-2-1 | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| Note: CYST | TGLs = 1-8-1 | | |
| Spleen | | Pigmentation | Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA | TGLs = 5-23 | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 84 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040222 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | | |
|-------------|---------------|--------|
| Gallbladder | Mammary Gland | Thymus |
|-------------|---------------|--------|

OBSERVATIONS

| | | | |
|-----------------|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| | Cortex | Hypertrophy | Focal, Minimal |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 85 | TRT#: 7 | SEX: Male | DAY ON TEST: 732 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040029 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------------|----------------------|----------------------------------|----------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hemangiosarcoma | |
| | | Necrosis | Focal, Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| [Pigmentation TGLS = 2-21,3-22] | | | |
| Lymph Node | Mesenteric | Thrombosis | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 86 | TRT#: 7 | SEX: Male | DAY ON TEST: 732 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040223 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 1-21 | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 87

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------|----------------------------------|-------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Carcinoma | |
| | | Necrosis | Focal, Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| Note: PART OF CARCINOMA ON SLIDE 6 [Hepatocellular Carcinoma TGLS = 2-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-2 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Note: CYST ON SLIDE 2.2 | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|-------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|---------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Inclusion Body Intracytoplasmic | Mild |
| | Kupffer Cell | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 4-4-1 | | | |
| Thymus | Mediastinum | Hemangiosarcoma | |
| Note: HEMANGIOSARC LOCATED IN MEDIASTINUM ADJACENT TO THYMUS | | | |
| Note: [HEMANGIOSARC] TGLs = 2-21 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------|----------------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 91 | TRT#: 7 | SEX: Male | DAY ON TEST: 732 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040228 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Pancreas | Acinus | Atrophy | Minimal |
| Skin | | Cyst Epithelial Inclusion | Mild |
| [Cyst Epithelial Inclusion TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 92 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040229 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Nose | Pancreas | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|------------------------------|---------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93

TRT#: 7

SEX: Male

DAY ON TEST: 298

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A85036063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Bone | Brain | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spinal Cord | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|-------------|-------------------|
| Adrenal Gland | Cortex | Necrosis | Marked |
| | Medulla | Necrosis | Marked |
| Note: NECROSIS PROBABLY ASSOCIATED WITH ANEURYSM. | | | |
| Blood Vessel | Abdominal | Aneurysm | Marked |
| | Abdominal | Hemorrhage | Marked |
| | Abdominal | Thrombosis | Moderate |
| Note: ANEURYSM TGLs = 6-21+41 [Aneurysm TGLS = 6-21+41] [Hemorrhage TGLS = 6-41] | | | |
| Bone Marrow | | Necrosis | Mild |
| Note: NECROSIS PROBABLY ASSOCIATED WITH ANEURYSM AND THROMBUS | | | |
| Epididymis | | Necrosis | Moderate |
| Kidney | Renal Tubule | Hyperplasia | Moderate |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Chronic, Moderate |
| Note: NECROSIS MAYBE ASSOCIATED WITH ANEURYSM. Note: NECROSIS TGLs = 5-5 Note: HYPERPLASIA TGLs = 5-5 Note: LESIONS ARE UNILATERAL. UNUSUAL. Note: NEPHROPATHY TGLs = 5-5 | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 93 | TRT#: 7 | SEX: Male | DAY ON TEST: 298 |
| | DOSE: 100MG/KG | DISP: Moribund Sacrifice | HISTO: A85036063 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|--------|--------------|----------------------------------|----------|
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Lung | Mediastinum | Thrombosis | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Moderate |

Note: PIGMENT TGLs = 4-6+6.1
[Hematopoietic Cell Proliferation TGLS = 4-6]

| | | | |
|-----------------|----------|--------------|-----------------|
| Testes | | Necrosis | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Urinary Bladder | | Hemorrhage | Mild |

Note: HEMORRHAGE TGLs = 2-8

PRIMARY CAUSE OF DEATH -

Animal Note: DRAGGING HIND LIMBS PROBABLY CAUSED BY ANEURYSM.

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 94 | TRT#: 7 | SEX: Male | DAY ON TEST: 571 |
| | DOSE: 100MG/KG | DISP: Moribund Sacrifice | HISTO: A86040230 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-----------------|-----------------------------------|----------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| | | Thrombosis | |
| Note: [THROMBUS] TGLs = 2-22 [Hematopoietic Cell Proliferation TGLS = 3-6] [Pigmentation TGLS = 3-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | | [Hyperplasia TGLS = 4-4-1] | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 95 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040231 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mandibular | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|--------|--------------|----------------------------------|----------|
| Kidney | Cortex | Cyst | Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 96 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040030 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|--|----------------------------------|------------------|
| Bone Marrow | | Hemangiosarcoma | |
| | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 1-21] | | |
| Skeletal Muscle | | Hemangiosarcoma | |
| | Note: HEMANGIOSARCOMA ON SLIDE 7 | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 97 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040031 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|------------------------------|----------------|----------------------------------|-----------------|
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| [Pigmentation TGLS = 2-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicle | Foreign Body | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 98 | TRT#: 7 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040032 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Harderian Gland | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|-------------|---------------|
| Gallbladder | Mammary Gland |
|-------------|---------------|

OBSERVATIONS

| | | | |
|-------------------|--|----------------------------------|-----------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Marked |
| Note: NEPHROPATHY | TGLs = 3-5 | | |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | Pigmentation | Moderate |
| | Kupffer Cell | | |
| | [Hepatocellular Carcinoma TGLS = 2-22+6] | | |
| | [Pigmentation TGLS = 1-21] | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 4-4-1 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 99 | TRT#: 7 | SEX: Male | DAY ON TEST: 732 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040250 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Nose | Pancreas | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | | | |
|-------------------------|-------------------------|---------------|-----------------|
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Pituitary Gland |
|-------------------------|-------------------------|---------------|-----------------|

OBSERVATIONS

| | | | |
|------------------------------|--------------|----------------------------------|-------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|------------------------------|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Skin | Subcut Tiss | Hemangioma | |
| [Hemangioma TGLS = 2-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicular Cel | Hyperplasia | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 101

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| [Pigmentation TGLS = 2-21] | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-2 | | | |
| Note: ALV BRON CARC TGLs = 3-22 | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 103

TRT#: 7

SEX: Male

DAY ON TEST: 716

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|--------------|----------------------------------|---------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Mild |
| Note: HEPATOCLR CARC TGLs = 2-22 | | | |
| Pancreas | | Basophilic Focus | |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |

[Pigmentation TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 104

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Preputial Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 2-21] | | | |
| Kidney | Cortex | Cyst | Mild |
| | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 105

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------------------|--------------|----------------------------------|--------------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pancreas | | Inflammation | Subacute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 106

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|------------------------------------|----------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | Kupffer Cell | Pigmentation | Moderate |
| [Eosinophilic Focus TGLS = 2-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-22 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 107

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|---------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | Kupffer Cell | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 3-22] | | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-21] | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 108

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|----------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Coagulating Gland | Epididymis | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|-----------------|
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|--------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 111

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 112

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------|--------------------------------|---|----------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Moderate Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Angiectasis Eosinophilic Focus Pigmentation | Mild Mild |
| [Angiectasis TGLS = 3-22] | Kupffer Cell | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-21] | | | |
| Skin | Epithelium | Hyperplasia | Focal, Mild |
| [Hyperplasia TGLS = 1-23] | | | |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Minimal Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 113

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 2-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-22 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 114

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Lung
Pancreas
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Kidney
Liver
Preputial Gland
[Cyst TGLS = 1-8-1]
Spleen
Stomach
Note: PAPILLOMA SQUA TGLs = 3-4-1
Tooth

Kupffer Cell
Duct
Forestomach

Nephropathy
Pigmentation
Cyst
Hematopoietic Cell Proliferation
Pigmentation
Squamous Cell Papilloma
Dysplasia

Chronic, Minimal
Mild
Mild
Mild
Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|----------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Epididymis | | Granuloma Sperm | Moderate |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 116

TRT#: 7

SEX: Male

DAY ON TEST: 477

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------------|----------------------|----------------------------------|--------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | Multiple, Two |
| | Kupffer Cell | Pigmentation | Mild |
| Note: HEPATOCLR CARC TGLs = 2-21,3-22 | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Mild |
| [Pigmentation TGLS = 1-6] | | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 4-4-1 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | | |
|--------------------------|-------------------------|---------------|
| Intestine Large - Rectum | Lymph Node - Mesenteric | Mammary Gland |
|--------------------------|-------------------------|---------------|

OBSERVATIONS

| | | | |
|-----------------------|--------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Harderian Gland | | Adenoma | |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 118

TRT#: 7

SEX: Male

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|--------|--------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 119 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 656
DOSE: 100MG/KG **DISP:** Moribund Sacrifice **HISTO:** A86040248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|-----------------|
| Bone Marrow | | Hemangiosarcoma | |
| | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Marked |
| Note: NEPHROPATHY TGLs = 2-5 | | | |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Moderate |
| Note: HEPATOCLR CARC TGLs = 3-21 | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| Note: ALV BRON CARC TGLs = 4-2-1 | | | |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| [Pigmentation TGLS = 1-6] | | | |
| Stomach | Forestomach | Hyperplasia | Marked |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 120

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Stomach - Forestomach | Stomach - Glandular |
| Testes | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|-------------------------------|--------------|----------------------------------|----------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| | | Inflammation | Subacute, Mild |
| [Cyst TGLS = 3-8-1] | | | |
| [Inflammation TGLS = 4-8-1] | | | |
| Skin | Subcut Tiss | Edema | Focal, Mild |
| [Edema TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Cyst | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 121

TRT#: 8

SEX: Male

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Mild Hemosiderin, Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Mild Moderate Hemosiderin, Moderate |
| Thyroid Gland | | Ultimobranchial Cyst | Mild |
| Urinary Bladder | | Hemangioma | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 122

TRT#: 8

SEX: Male

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

Brain
Heart
Intestine Small - Duodenum
Lung
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow

Hyperplasia
Pigmentation
Hyperplasia
Hyperplasia
Pigmentation
Congestion
Hematopoietic Cell Proliferation
Pigmentation

Minimal
Hemosiderin, Mild
Focal, Minimal
Multifocal, Minimal
Hemosiderin, Minimal
Moderate
Moderate
Hemosiderin, Moderate

Kidney

Bow Cap Pari
Renal Tubule
Kupffer Cell

Liver

Spleen

[Congestion TGLS = 2-6]

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Pigmentation TGLS = 2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 123

TRT#: 8

SEX: Male

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Minimal Hemosiderin, Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Mild Hemosiderin, Multifocal, Mild |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Mild Moderate Hemosiderin, Moderate |
| [Pigmentation TGLS = 1-6+6.1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 8

SEX: Male

DAY ON TEST: 275

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | | |
|---------------|-----------------|--------|
| Mammary Gland | Pituitary Gland | Thymus |
|---------------|-----------------|--------|

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 2-6+6.1]

[Hematopoietic Cell Proliferation TGLS = 2-6+6.1]

[Pigmentation TGLS = 2-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 125

TRT#: 8

SEX: Male

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 126

TRT#: 8

SEX: Male

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Minimal Hemosiderin, Minimal |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] [Hematopoietic Cell Proliferation TGLS = 1-6] [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127

TRT#: 8

SEX: Male

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Mild Hemosiderin, Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Mild Hemosiderin, Multifocal, Mild |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Mild Moderate Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] [Hematopoietic Cell Proliferation TGLS = 1-6] [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 8

SEX: Male

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035000

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 8

SEX: Male

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Minimal Hemosiderin, Minimal |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Mild |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] [Hematopoietic Cell Proliferation TGLS = 1-6] [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130

TRT#: 8

SEX: Male

DAY ON TEST: 275

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|----------------------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Lung | | Infiltration Cellular | Histiocyte, Multifocal, Minimal |
| | | Pigmentation | Hemosiderin, Multifocal, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 131

TRT#: 9

SEX: Male

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|----------------------------------|
| Bone Marrow | | Hyperplasia | Mild |
| | | Pigmentation | Hemosiderin, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Lung | | Infiltration Cellular | Histiocyte, Multifocal, Minimal |
| | | Pigmentation | Hemosiderin, Multifocal, Minimal |
| Nose | | Exudate | Minimal |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 9

SEX: Male

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Mild Hemosiderin, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Nose | | Foreign Body Inflammation | Mild Suppurative, Acute, Minimal |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| Note: CONGESTION TGLs = 1-6 Note: HEMA CELL PROL TGLs = 1-6 [Pigmentation TGLS = 1-6+6.1] | | | |
| Thymus | | Cyst | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 133

TRT#: 9

SEX: Male

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mandibular | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Mild Hemosiderin, Minimal |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Mild |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Preputial Gland | Duct | Cyst | |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| [Congestion TGLS = 2-6,4-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6,4-6] | | | |
| [Pigmentation TGLS = 2-6+6.1] | | | |
| Stomach | Forestomach | Erosion | Moderate |
| Thymus | | Cyst | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 9

SEX: Male

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135

TRT#: 9

SEX: Male

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|----------------------------|---|---|
| Bone Marrow | | Hyperplasia Pigmentation | Mild Hemosiderin, Mild |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| | | [Congestion TGLS = 1-6,2-6] [Hematopoietic Cell Proliferation TGLS = 1-6,2-6] [Pigmentation TGLS = 1-6+6.1] | |
| Stomach | Forestomach Forestomach | Hyperplasia Inflammation | Mild Subacute, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 136

TRT#: 9

SEX: Male

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Minimal Hemosiderin, Minimal |
| Kidney | Cortex | Cyst | |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] [Hematopoietic Cell Proliferation TGLS = 1-6] [Pigmentation TGLS = 1-6+6.1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 9

SEX: Male

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| Kidney | Cortex | Cyst | |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Lymph Node | Mandibular | Congestion | Mild |
| [Congestion TGLS = 1-8] | | | |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6+6.1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 9

SEX: Male

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 139

TRT#: 9

SEX: Male

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------|---|----------------------------------|-----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | Kupffer Cell | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 2-21,4-23] | Pigmentation | Hemosiderin, Moderate |
| | [Hepatocellular Carcinoma TGLS = 3-22] | | |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| | | | |
| | | | |
| | | | |
| Stomach | Glandular | Inflammation | Subacute, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 140 | TRT#: 9 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: 100MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036073 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|-----------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Moderate |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 2-2] | | | |
| Nose | | Exudate | Mild |
| Parathyroid Gland | | Cyst | |
| Preputial Gland | Duct | Cyst | |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: CONGESTION TGLs = 3-6 | | | |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6+6.1] | | | |
| Thymus | | Cyst | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------|----------|----------------------------------|-----------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142

TRT#: 13

SEX: Male

DAY ON TEST: 725

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Eye | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|-------------------------|----------------------|----------------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | Biliar Tract | Cyst | Mild |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pancreas | Acinus | Atrophy | Minimal |
| Skin | Sebaceous GI | Adenoma | |
| [Adenoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 143 **TRT#:** 13 **SEX:** Male **DAY ON TEST:** 690
DOSE: 30 MG/KG **DISP:** Moribund Sacrifice **HISTO:** A86040787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone Marrow | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-----------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone | Cranium | Hypertrophy | Focal, Moderate |
| Note: HYPERTROPHY TGLs = 10-23 | | | |
| Islets, Pancreatic | | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 5-7] | | | |
| Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Chronic, Mild |
| [Dilatation TGLS = 6-5] | | | |
| Liver | | Hepatocellular Adenoma | Multiple, Three |
| Note: HEPATOCLR ADEN TGLs = 8-21,9-22 | | | |
| Prostate | | Inflammation | Subacute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 144

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------|---------------|
| Gallbladder | Mammary Gland |
|-------------|---------------|

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|---------------|
| Adrenal Gland Note: HYPERPLASIA TGLs = 3-10 | Cortex, Spindle Cell | Hyperplasia | Marked |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver Note: MIXED CL FOCUS TGLs = 5-22 | | Mixed Cell Focus | |
| Preputial Gland Note: CYST TGLs = 1-8 | Duct | Cyst | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach Note: HYPERPLASIA TGLs = 4-21 | Forestomach | Hyperplasia | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|----------------------------|---------------|
| Intestine Small - Duodenum | Mammary Gland |
|----------------------------|---------------|

OBSERVATIONS

| | | | |
|---------------------------------|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Ear | | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 3-22] | | | |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangiosarcoma | |
| [Hemangiosarcoma TGLS = 1-21] | | Pigmentation | Minimal |
| Lymph Node | Kupffer Cell | Inflammation | Subacute, Mild |
| Spleen | Mesenteric | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 146

TRT#: 13

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------|---------------|
| Gallbladder | Mammary Gland |
|-------------|---------------|

OBSERVATIONS

| | | | |
|----------------------------------|-----------------|-----------------------------------|------------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 1-21 | | | |
| Pancreas | | Basophilic Focus | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 13

SEX: Male

DAY ON TEST: 445

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A85036085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|----------|
| Adrenal Gland | Cortex, Spindle Cell | Adenoma | |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|-----------------|----------------------------------|--------------------------|
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| Note: HEPATOCLR ADEN | TGLs = 1-21,2-6 | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 13

SEX: Male

DAY ON TEST: 599

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86040789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Minimal |
| Note: HEPATOCLR CARC TGLs = 5-22 | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 7-2-1 | | | |
| Lymph Node | Mesenteric | Angiectasis | Minimal |
| Note: ANGIECTASIS TGLs = 6-5 | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 3-21] | | | |
| Preputial Gland | Duct | Cyst | Moderate |
| [Cyst TGLS = 1-8,2-8] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| [Pigmentation TGLS = 4-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 8-4-1 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149

TRT#: 13

SEX: Male

DAY ON TEST: 599

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86040789

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:13

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mesentery | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| Note: CLEAR CL FOCUS TGLs = 5-23 | | | |
| Note: TGL-3 APPEARS TO BE AN INFARCTED ADENOMA | | | |
| [Clear Cell Focus TGLS = 3-21,4-22] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 2-24] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Trachea | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-----------|----------------------------------|-------------------|
| Blood Vessel | Abdominal | Inflammation | Subacute, Mild |
| | Aorta | Inflammation | Subacute, Mild |
| Note: LESION ON SLIDE 2 FOR AORTA | | | |
| Note: LESION ON SLIDE 5 FOR ABDOMINAL VESSEL | | | |
| Bone Marrow | | Hypercellularity | Mild |
| Epididymis | | Granuloma Sperm | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR ADEN TGLs = 2-21,4-23 | | | |
| [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | Multiple, Two |
| Note: ALV BRON ADEN TGLs = 5-24,6-2-1 | | | |
| Pancreas | Artery | Inflammation | Subacute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Skeletal Muscle | Artery | Inflammation | Subacute, Mild |
| Note: INFLAMMATION OF ARTERY ON SLIDE 9 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|--|---|--|
| ANIMAL ID: 151 | TRT#: 13 DOSE: 30 MG/KG | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 731 HISTO: A86040040 |
|-----------------------|--|---|--|

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|-------------|--------------|-----------------|
| Stomach Note: HYPERPLASIA TGLs = 7-4 | Forestomach | Hyperplasia | Marked |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Urinary Bladder | Artery | Inflammation | Subacute, Mild |

PRIMARY CAUSE OF DEATH -

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|------------------|----------------------------------|----------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | Multiple, Two |
| Note: HEPATOCLR CARC | TGLs = 1-22,2-21 | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|-------------|--------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| Spleen | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 154

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------------|-------------|----------------------------------|--------------------------|
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Mild |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 5-23 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 13

SEX: Male

DAY ON TEST: 701

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|----------------------|--------------|--------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| Note: HEPATOCLR ADEN | TGLs = 4-21 | | |
| Note: MIXED CL FOCUS | TGLs = 7-22 | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| Note: ALV BRON CARC | TGLs = 5-2 | | |
| Pancreas | Acinus | Atrophy | Minimal |
| | | Eosinophilic Focus | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Pigmentation | Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA | TGLs = 6-4-1 | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------------------------|--|---------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Minimal Focal, Minimal |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma Mixed Cell Focus | |
| Note: HEPATOCLR ADEN TGLs = 3-21 Note: MIXED CL FOCUS TGLs = 6-22 | | | |
| Preputial Gland [Cyst TGLS = 1-8-1] | Duct | Cyst | Mild |
| Spleen | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 4-24] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 3-23] | | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Note: ATROPHY ON SLIDE 5 | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-22] | | | |
| Spleen | | Pigmentation | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 13

SEX: Male

DAY ON TEST: 701

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Carcinoma | |
| | | Necrosis | Focal, Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| [Hepatocellular Carcinoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL TGLs = 2-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-4-1 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Preputial Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|-------------|---------------|
| Gallbladder | Mammary Gland |
|-------------|---------------|

OBSERVATIONS

| | | | |
|---------------|----------|--------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|--------------|----------------------------------|-----------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Note: ADENOMA | TGLs = 5-22 | | |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Mild |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN | TGLs = 2-21 | | |
| Lymph Node | Mesenteric | Angiectasis | Mild |
| Note: ANGIECTASIS | TGLs = 4-5 | | |
| Preputial Gland | Duct | Cyst | Mild |
| Note: CYST | TGLs = 1-8-1 | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 6-23 | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 160

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040044

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 161

TRT#: 13

SEX: Male

DAY ON TEST: 631

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Malignant | |
| [Pheochromocytoma Malignant TGLS = 2-21] | | | |
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Adenoma | |
| | | Carcinoma | |
| [Carcinoma TGLS = 3-9] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Carcinoma | Metastatic (Harderian Gland) |
| Note: CARCINOMA | TGLs = 4-2-1 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 162

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Four, Multiple |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| <p>Note: HEPATOCLR ADEN TGLs = 3-22,4-23,7-24,8-25 Note: MIXED CL FOCUS TGLs = 12-27 [Eosinophilic Focus TGLs = 9-26]</p> | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | Alveolar Epith | Hyperplasia | Mild |
| <p>Note: ALV BRON ADEN TGLs = 10-2</p> | | | |
| Preputial Gland | Duct | Cyst | Mild |
| <p>[Cyst TGLs = 2-8-1]</p> | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163

TRT#: 13

SEX: Male

DAY ON TEST: 7

DOSE: 30 MG/KG

DISP: Drowned

HISTO: A85033592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pituitary Gland
Skin
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Prostate
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Pancreas
Salivary Glands
Stomach - Glandular
Trachea

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Parathyroid Gland
Seminal Vesicle
Testes
Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Spleen

Atrophy

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 164

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|----------------|----------------------------------|-----------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Mild |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-2-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 165 | TRT#: 13 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 30 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040797 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|---|------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLS = 4-2-1] | | |
| Preputial Gland | Duct | Cyst | Mild |
| | [Cyst TGLS = 2-8] | | |
| Spleen | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 166 | TRT#: 13 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 30 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040046 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|----------|--|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| | | [Clear Cell Focus TGLS = 3-22] | |
| | | [Hepatocellular Adenoma TGLS = 2-21] | |
| Pancreas | | Basophilic Focus | |
| Preputial Gland | Duct | Cyst | Mild |
| | | [Cyst TGLS = 1-8] | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|----------------|----------------------------------|------------------|
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Pancreas | | Eosinophilic Focus | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 168

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------|--------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Basophilic Focus | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 169

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------|---------------------------------------|---|------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Mild Focal, Minimal |
| Bone Marrow | | Hemangiosarcoma Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangiosarcoma Necrosis Pigmentation | Focal, Mild Minimal |
| Note: HEMANGIOSARC | TGLs = 2-22,3-23,4-24 Kupffer Cell | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Spleen | | Hemangiosarcoma Hematopoietic Cell Proliferation Pigmentation | Moderate Mild |
| [Hemangiosarcoma TGLs = 1-21] | | | |
| [Pigmentation TGLs = 1-21] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Islets, Pancreatic | Liver | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Preputial Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------|--|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Intestine Small | Jejunum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 3-21] | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Lymph Node | Mesenteric | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 2-22+5] | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 171 | TRT#: 13 | SEX: Male | DAY ON TEST: 680 |
| | DOSE: 30 MG/KG | DISP: Moribund Sacrifice | HISTO: A86040800 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|---|------------|--------------------------------|-----------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | |
| | | Lymphoma Malignant Histiocytic | |
| Note: TOLUIDINE BLUE STAIN PERFORMED ON SLIDE 6 AND 23. | | | |
| Note: NEGATIVE | | | |
| [Hepatocellular Carcinoma TGLS = 5-6] | | | |
| [Lymphoma Malignant Histiocytic TGLS = 5-6,6-23] | | | |
| Lung | | Lymphoma Malignant Histiocytic | |
| Lymph Node | Mesenteric | Angiectasis | Minimal |
| | Inguinal | Hyperplasia | Mild |
| Note: ANGIECTASIS TGLs = 7-5 | | | |
| [Hyperplasia TGLS = 1-21] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 4-22] | | | |
| Preputial Gland | | Inflammation | Subacute, Mild |
| [Inflammation TGLS = 2-8-1] | | | |
| Skin | | Inflammation | Subacute, Focal, Mild |
| [Inflammation TGLS = 8-24] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|--|---|--|
| ANIMAL ID: 171 | TRT#: 13 DOSE: 30 MG/KG | SEX: Male DISP: Moribund Sacrifice | DAY ON TEST: 680 HISTO: A86040800 |
|-----------------------|--|---|--|

ORGAN AND ACCOUNTABLE SITE STATUS

| | | |
|---|----------------------------------|----------------------------|
| Spleen [Hematopoietic Cell Proliferation TGLS = 3-6] | Hematopoietic Cell Proliferation | Marked |
| Tooth | Dysplasia Inflammation | Marked Subacute, Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 172

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------|--------------|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Minimal |
| [Pigmentation TGLS = 1-21] | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Note: SMALL TUMOR EMBOLUS | | | |
| Lymph Node | Mesenteric | Hyperplasia | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL TGLs = 2-6 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-21] | | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 2-4-1 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Islets, Pancreatic | Lymph Node - Mandibular | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|------------------------|--------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Heart | | Mineralization | Mild |
| Intestine Small | Jejunum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 5-22 | | | |
| Kidney | | Lymphoma Malignant Mixed | |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 3-6 | | | |
| [Lymphoma Malignant Mixed TGLS = 4-21] | | | |
| Lung | | Lymphoma Malignant Mixed | |
| Lymph Node | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 2-24] | | | |
| Spleen | | Histiocytic Sarcoma | |
| Note: [HISTIO SARC] TGLs = 1-23 | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thymus | | Lymphoma Malignant Mixed | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 174

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040051

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------|------------------|--------------------------|------------------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| | Cortex | Lymphoma Malignant Mixed | |
| Bone Marrow | | Lymphoma Malignant Mixed | |
| Epididymis | | Lymphoma Malignant Mixed | |
| Harderian Gland | | Carcinoma | |
| Note: CARCINOMA | TGLs = 11-29 | | |
| Kidney | | Lymphoma Malignant Mixed | |
| Liver | | Hepatocellular Adenoma | |
| | | Lymphoma Malignant Mixed | |
| Note: HEPATOCLR ADEN | TGLs = 7-22 | | |
| Note: LYMPH MAL MIXD | TGLs = 6-21,8-23 | | |
| Lung | | Carcinoma | Metastatic (Harderian Gland) |
| Note: CARCINOMA | TGLs = 4-26+2 | | |
| Lymph Node | Hemal | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed | TGLS = 9-24] | | |
| [Lymphoma Malignant Mixed | TGLS = 3-27+6] | | |
| [Lymphoma Malignant Mixed | TGLS = 10-25] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 175 | TRT#: 13 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 30 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040052 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|----------------------|--------------------|--------------------------|---------|
| Mesentery | | Lymphoma Malignant Mixed | |
| Preputial Gland | Duct | Cyst | Mild |
| Note: CYST | TGLs = 1-8-1,2-8-1 | | |
| Spleen | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 5-28 | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:13
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 176

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|--|--------------------------|
| Kidney | Cortex | Cyst Nephropathy | Minimal Chronic, Mild |
| Preputial Gland [Cyst TGLS = 2-8-1] | Duct | Cyst | Mild |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Minimal Mild |
| Stomach Note: HYPERPLASIA TGLs = 3-21 | Forestomach | Hyperplasia | Minimal |
| Testes | Seminif Tub | Dilatation | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------------|----------------------|----------------------------------|---------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 2-21 | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 178

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------------|--------------|----------------------------------|---------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Kidney | Cortex | Cyst | Mild |
| | | Nephropathy | Chronic, Mild |
| Liver | | Angiectasis | Moderate |
| | | Hematopoietic Cell Proliferation | Mild |
| | Kupffer Cell | Pigmentation | Marked |
| Note: [ANGIECTASIS] TGLs = 2-22 | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 179

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|-----------------------|------|--------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Pigmentation | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 180

TRT#: 13

SEX: Male

DAY ON TEST: 570

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------------|-------------|------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Islets, Pancreatic | | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-21] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 181

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------------|-------------|----------------------------------|---------------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Kidney | Cortex | Cyst | Mild |
| | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 2-21 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | Multiple, Two |
| Note: ALV BRON ADEN TGLs = 3-2,4-2 | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Cyst | Mild |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 182

TRT#: 13

SEX: Male

DAY ON TEST: 478

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|---------------|--------------------------|------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Cholangiocarcinoma | |
| | | Hepatocellular Carcinoma | |
| Note: CHOLANGIOCARC | TGLs = 5-23 | | |
| Note: HEPATOCLR CARC | TGLs = 5-23 | | |
| Lung | | Cholangiocarcinoma | Metastatic (Liver) |
| Note: CHOLANGIOCARC | TGLs = 6-2 | | |
| Mesentery | | Cholangiocarcinoma | Metastatic (Liver) |
| | | Fibrosarcoma | |
| Note: CHOLANGIOCARC | TGLs = 3-21 | | |
| Note: FIBROSARC | TGLs = 3-21 | | |
| Note: MESENTERIC LESIONS DISTRIBUTED THROUGHOUT ABDOMINAL VISCERA | | | |
| Pancreas | | Cholangiocarcinoma | Metastatic (Liver) |
| | | Fibrosarcoma | Metastatic (Mesentery) |
| Note: CHOLANGIOCARC | TGLs = 4-22+7 | | |
| Note: FIBROSARC | TGLs = 4-22+7 | | |
| Skeletal Muscle | | Fibrosarcoma | Metastatic (Mesentery) |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 182 | TRT#: 13 | SEX: Male | DAY ON TEST: 478 |
| | DOSE: 30 MG/KG | DISP: Moribund Sacrifice | HISTO: A86040805 |

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROSARC TGLs = 4-22
Spleen

Hematopoietic Cell Proliferation
Pigmentation

Moderate
Mild

[Pigmentation TGLS = 2-6]

Stomach Forestomach
Forestomach

Hyperplasia
Squamous Cell Papilloma

Mild

Note: PAPILLOMA SQUA TGLs = 7-4-1
Note: HYPERPLASIA TGLs = 7-4-1

PRIMARY CAUSE OF DEATH

-

Animal Note: DIFFICULT AND UNUSUAL NEOPLASMS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|----------------------|--------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Moderate |
| Ear | | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 1-21] | | | |
| Kidney | Cortex | Cyst | Minimal |
| | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8] | | | |
| Spleen | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 725

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple, Three |
| Note: HEPATOCLR CARC TGLs = 6-21,7-22,9-24 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | Alveolar Epith | Hyperplasia | Moderate |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 5-6] | | | |
| [Pigmentation TGLS = 5-6] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 10-4+4-1 | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 725

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040806

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|---------------|-------------------|
| Mammary Gland | Parathyroid Gland |
|---------------|-------------------|

OBSERVATIONS

| | | | |
|-------------|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Marked |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 186

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------------------------------|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Minimal |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Hemangioma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 2-4+4-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 187

TRT#: 13

SEX: Male

DAY ON TEST: 591

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86040809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|--|----------------------------------|--------------------------|
| Islets, Pancreatic [Adenoma TGLS = 1-7] | Adenoma | |
| Kidney | Nephropathy | Chronic, Minimal |
| Liver | Hematopoietic Cell Proliferation | Minimal |
| Nose | Foreign Body | Mild |
| | Inflammation | Suppurative, Acute, Mild |
| | Polyp | |
| Spleen | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Mild |
| Tooth | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 13

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| Note: HEPATOCLR ADEN | TGLs = 1-21 | | |
| Note: MIXED CL FOCUS | TGLs = 3-22 | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 189

TRT#: 13

SEX: Male

DAY ON TEST: 501

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mandibular | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | |
|--|----------------------------------|---------------|
| Bone Marrow | Hypercellularity | Mild |
| Kidney | Nephropathy | Chronic, Mild |
| Liver | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| Note: HEPATOCLR ADEN TGLs = 2-21 [Hepatocellular Adenoma TGLS = 4-23] | | |
| Spleen | Hematopoietic Cell Proliferation | Moderate |
| | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | |
| Stomach | Forestomach | |
| Note: HYPERPLASIA TGLs = 5-4-1 | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 13

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 191

TRT#: 14

SEX: Male

DAY ON TEST: 274

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney
Urinary Bladder

Liver

Lung

Thyroid Gland

OBSERVATIONS

Bone Marrow

Hyperplasia
Pigmentation
Congestion
Hematopoietic Cell Proliferation
Pigmentation

Minimal
Hemosiderin, Minimal
Mild
Mild
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 192

TRT#: 14

SEX: Male

DAY ON TEST: 275

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney
Urinary Bladder

Liver

Lung

Thyroid Gland

OBSERVATIONS

Bone Marrow

Hyperplasia

Minimal

Pigmentation

Hemosiderin, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 193 | TRT#: 14 | SEX: Male | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035220 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------|-------|------|-----------------|
| Kidney | Liver | Lung | Urinary Bladder |
|--------|-------|------|-----------------|

OBSERVATIONS

| | | | |
|-------------|--|----------------------------------|-------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

Note: PIGMENT TGLs = 1-6

| | | | |
|---------------|----------|--------------|--------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
|---------------|----------|--------------|--------------|

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 194

TRT#: 14

SEX: Male

DAY ON TEST: 275

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney
Urinary Bladder

Liver

Lung

Thyroid Gland

OBSERVATIONS

Bone Marrow

Hyperplasia

Minimal

Pigmentation

Hemosiderin, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Mild

Note: PIGMENT TGLs = 1-6

Note: CONGESTION TGLs = 1-6

Note: HEMA CELL PROL TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 14

SEX: Male

DAY ON TEST: 275

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| Liver | Skin | Thyroid Gland | Urinary Bladder |
|-------|------|---------------|-----------------|
|-------|------|---------------|-----------------|

OBSERVATIONS

| | | | |
|-------------|--------------|--|---|
| Bone Marrow | | Hyperplasia Pigmentation | Minimal Hemosiderin, Minimal |
| Kidney | Renal Tubule | Hyperplasia | Multifocal, Minimal |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Mild Hemosiderin, Multifocal, Mild |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Minimal Hemosiderin, Minimal |

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 196 | TRT#: 14 | SEX: Male | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035223 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------|-------|------|-----------------|
| Kidney | Liver | Lung | Urinary Bladder |
|--------|-------|------|-----------------|

OBSERVATIONS

| | | | |
|---|----------|----------------------------------|----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| | | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 197

TRT#: 14

SEX: Male

DAY ON TEST: 273

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

Thyroid Gland

Urinary Bladder

OBSERVATIONS

Bone Marrow

Hyperplasia

Minimal

Pigmentation

Hemosiderin, Minimal

Lung

Alveolar Epith

Hyperplasia

Focal, Mild

Spleen

Congestion

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 14

SEX: Male

DAY ON TEST: 275

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Urinary Bladder

Kidney

Liver

Thyroid Gland

OBSERVATIONS

Lung

Infiltration Cellular

Histiocyte, Multifocal, Mild

Pigmentation

Hemosiderin, Multifocal, Mild

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 199

TRT#: 14

SEX: Male

DAY ON TEST: 274

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney
Urinary Bladder

Liver

Lung

Thyroid Gland

OBSERVATIONS

Bone Marrow

Hyperplasia
Pigmentation
Hematopoietic Cell Proliferation
Pigmentation

Minimal
Hemosiderin, Minimal
Minimal
Hemosiderin, Mild

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 14

SEX: Male

DAY ON TEST: 274

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Liver

Skin

Urinary Bladder

OBSERVATIONS

Bone Marrow

Hyperplasia

Minimal

Pigmentation

Hemosiderin, Minimal

Lung

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Pigmentation

Hemosiderin, Multifocal, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 2-6]

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Pigmentation TGLS = 2-6]

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 201 | TRT#: 15 | SEX: Male | DAY ON TEST: 450 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036086 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|------|-----------------------|---------------------|
| Lung | Stomach - Forestomach | Stomach - Glandular |
|------|-----------------------|---------------------|

OBSERVATIONS

| | | | |
|-------------|--------------|----------------------------------|----------------------|
| Bone Marrow | | Hyperplasia | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 202 | TRT#: 15 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036087 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------------|-----------------------|---------------------|
| Bone Marrow | Stomach - Forestomach | Stomach - Glandular |
|-------------|-----------------------|---------------------|

OBSERVATIONS

| | | | |
|--|--------------|--|---|
| Liver | Kupffer Cell | Developmental Malformation Pigmentation | Hemosiderin, Mild |
| [Developmental Malformation TGLS = 1-21] | | | |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Minimal Mild Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 203

TRT#: 15

SEX: Male

DAY ON TEST: 452

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Stomach - Glandular

Liver

Lung

Stomach - Forestomach

OBSERVATIONS

Spleen

Congestion
Hematopoietic Cell Proliferation
Pigmentation

Minimal
Minimal
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 204

TRT#: 15

SEX: Male

DAY ON TEST: 452

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Stomach - Glandular

Liver

Lung

Stomach - Forestomach

OBSERVATIONS

Spleen

Congestion
Hematopoietic Cell Proliferation
Pigmentation

Mild
Moderate
Hemosiderin, Mild

Note: PIGMENT TGLs = 1-6+6.1
[Hematopoietic Cell Proliferation TGLS = 1-6]
[Pigmentation TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 206

TRT#: 15

SEX: Male

DAY ON TEST: 451

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Lung

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Liver

Kupffer Cell

Pigmentation

Hemosiderin, Mild

Spleen

Congestion

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 207

TRT#: 15

SEX: Male

DAY ON TEST: 452

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Bone Marrow

Hyperplasia

Minimal

Liver

Hepatocellular Carcinoma

[Hepatocellular Carcinoma TGLS = 4-21]

Lung

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Pigmentation

Hemosiderin, Multifocal, Minimal

Preputial Gland

Duct

Cyst

[Cyst TGLS = 1-8,2-8]

Spleen

Congestion

Mild

Hematopoietic Cell Proliferation

Moderate

Pigmentation

Hemosiderin, Moderate

[Congestion TGLS = 3-6]

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Pigmentation TGLS = 3-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 208

TRT#: 15

SEX: Male

DAY ON TEST: 450

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Lung

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Liver

Hepatocellular Adenoma

Note: HEPATOCLR ADEN TGLs = 2-21

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Minimal

Note: PIGMENT TGLs = 1-6+6.1

Note: HEMA CELL PROL TGLs = 1-6

Note: CONGESTION TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 210

TRT#: 15

SEX: Male

DAY ON TEST: 452

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Lymph Node - Mesenteric

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Liver

Kupffer Cell

Hemangiosarcoma

Pigmentation

Hemosiderin, Mild

Note: HEMANGIOSARC TGLs = 3-21

Lung

Infiltration Cellular

Pigmentation

Histiocyte, Multifocal, Minimal

Hemosiderin, Multifocal, Minimal

Spleen

Congestion

Hematopoietic Cell Proliferation

Pigmentation

Mild

Marked

Hemosiderin, Mild

Note: PIGMENT TGLs = 2-6+6.1

Note: HEMA CELL PROL TGLs = 2-6

Note: CONGESTION TGLs = 2-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 211

TRT#: 19

SEX: Male

DAY ON TEST: 654

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------------|------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 5-22 | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 1-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 4-8-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 212

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A86040813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| [Mixed Cell Focus TGLS = 2-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-22 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 659
HISTO: A86040814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|---------------|------------------------|-------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | |
| Note: ADENOMA APPEARS INFARCTED AND NECROTIC [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA TGLs = 6-1 | | | |
| Preputial Gland | | Inflammation | Subacute, Minimal |
| [Inflammation TGLS = 1-21] | | | |
| Spleen | | Atrophy | Mild |
| Testes | | Atrophy | Mild |
| [Atrophy TGLS = 2-7] | | | |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 214

TRT#: 19

SEX: Male

DAY ON TEST: 729

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-----------------------|----------|--------------|--------------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Nose | | Foreign Body | Mild |
| | | Fungus | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 215 | TRT#: 19 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040816 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|----------|-------------|---------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Spleen | | Hemangioma | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 216

TRT#: 19

SEX: Male

DAY ON TEST: 729

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------------------|------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 4-21+6] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Preputial Gland | Duct | Cyst | Minimal |
| [Cyst TGLS = 1-8] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 681
HISTO: A86040817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Glandular |
| Testes | Trachea | Urinary Bladder | |

MISSING

Mammary Gland Thymus

OBSERVATIONS

| | | | |
|--|----------------------|------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Moderate |
| Harderian Gland | | Adenoma | |
| | | Carcinoma | |
| [Adenoma TGLS = 4-9-1] | | | |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Inflammation | Suppurative, Acute, Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 7-23 | | | |
| [Hepatocellular Adenoma TGLS = 3-22+6] | | | |
| Mesentery | | Hemangioma | |
| [Hemangioma TGLS = 1-21] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 218

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|-------------|------------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Pancreas | Acinus | Atrophy | Marked |
| | Duct | Dilatation | Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: FORESTOMACH LESION IS ON SLIDE 4-1 | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Pituitary Gland | Preputial Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-------------------|
| Mammary Gland | Parathyroid Gland |
|---------------|-------------------|

OBSERVATIONS

| | | | |
|---------------|---|------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | [Hepatocellular Adenoma TGLS = 3-22,4-23] | | |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lymph Node - Mandibular | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|--------------------------------|----------------|-------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 4-2-1 | | | |
| Lymph Node | Mesenteric | Angiectasis | Mild |
| [Angiectasis TGLS = 3-5] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 221 | TRT#: 19 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040820 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 222

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 701
HISTO: A86040821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Epididymis |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------|---------------|
| Brain | Mammary Gland |
|-------|---------------|

OBSERVATIONS

| | | | |
|-------------|--|----------------------------------|-------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 2-22] | | |
| | [Hepatocellular Carcinoma TGLS = 1-21] | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| | [Hyperplasia TGLS = 4-4-1] | | |
| Tooth | | Dysplasia | Marked |
| | | Inflammation | Subacute, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 223

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Liver
Nose
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Seminal Vesicle
Stomach - Glandular
Trachea

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Prostate
Spleen
Thymus

MISSING

Mammary Gland

Pituitary Gland

OBSERVATIONS

Harderian Gland
Kidney
Tooth

Adenoma
Nephropathy
Dysplasia

Chronic, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 224

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------------------------|----------------------|--------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Mixed Cell Focus | |
| Note: EOSINOPHILIC FOCUS ON SLIDE 6 | | | |
| [Clear Cell Focus TGLS = 4-22] | | | |
| [Mixed Cell Focus TGLS = 3-21] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 5-2-1 | | | |
| Preputial Gland | Duct | Cyst | Minimal |
| [Cyst TGLS = 1-8] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------------|----------------------|------------------------|---------------|
| Adrenal Gland | Cortex, Spindle Cell | Adenoma | |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| Note: HEPATOCLR ADEN TGLs = 1-21,5-22 | | | |
| Thyroid Gland | Follicular Cel | Adenoma | |
| [Adenoma TGLS = 3-3] | | | |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 226 | TRT#: 19 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040060 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mandibular | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|--|--------------------------------|--------------------------------|-------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Moderate Focal, Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Clear Cell Focus | |
| [Clear Cell Focus TGLS = 3-22] | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 2-23] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-21] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 227

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Heart
Intestine Small - Duodenum
Liver
Nose
Preputial Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Prostate
Spleen
Thymus

Bone
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|--------|-------------|------------------|
| Kidney | Nephropathy | Chronic, Minimal |
| Tooth | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|-------------|------------------------|-----------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Angiectasis | Mild |
| | | Hepatocellular Adenoma | |
| Note: Angiectasis on slide 21. [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| | | | |
| [Cyst TGLS = 1-8] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | | | |
| [Hyperplasia TGLS = 4-4-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 229

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|----------|------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 3-21] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| Note: CYST TGLs = 1-8-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--|-------------------------|-----------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Stomach | Forestomach | Hyperplasia | Moderate |
| | Forestomach | Squamous Cell Papilloma | |
| | [Hyperplasia TGLS = 1-4] | | |
| | [Squamous Cell Papilloma TGLS = 1-4] | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 231

TRT#: 19

SEX: Male

DAY ON TEST: 602

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Ear | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 5-23] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 6-2] | | | |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 2-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 8-4-1] | | | |
| Testes | | Mineralization | Mild |
| [Mineralization TGLS = 3-22] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 19

SEX: Male

DAY ON TEST: 555

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--------|-------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Metaplasia | Osseous, Minimal |
| | | Nephropathy | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 701
HISTO: A86040829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Nose |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|--------|
| Mammary Gland | Thymus |
|---------------|--------|

OBSERVATIONS

| | | | |
|-------------|--|--------------------------------|---------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | |
| | | Lymphoma Malignant Histiocytic | |
| | [Hepatocellular Carcinoma TGLS = 8-22] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 7-6+22] | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Lymphoma Malignant Histiocytic | |
| | [Alveolar/Bronchiolar Adenoma TGLS = 11-2] | | |
| Lymph Node | Iliac | Lymphoma Malignant Histiocytic | |
| | Mandibular | Lymphoma Malignant Histiocytic | |
| | Mediastinal | Lymphoma Malignant Histiocytic | |
| | Mesenteric | Lymphoma Malignant Histiocytic | |
| | Pancreatic | Lymphoma Malignant Histiocytic | |
| | Renal | Lymphoma Malignant Histiocytic | |
| | [Lymphoma Malignant Histiocytic TGLS = 14-25] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 5-21] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 13-24] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 9-5] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 12-2] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|---|---|--|
| ANIMAL ID: 233 | TRT#: 19 DOSE: 3 MG/KG | SEX: Male DISP: Moribund Sacrifice | DAY ON TEST: 701 HISTO: A86040829 |
|-----------------------|---|---|--|

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|--|-------------|---|-----------------|
| Pancreas | Acinus | Atrophy | Minimal |
| Preputial Gland [Cyst TGLS = 1-8-1] | Duct | Cyst | Mild |
| Spleen | | Hematopoietic Cell Proliferation Histiocytic Sarcoma | Mild |
| Note: [HISTIO SARC] TGLs = 6-6 | | | |
| Stomach [Hyperplasia TGLS = 15-4-1] | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 19

SEX: Male

DAY ON TEST: 399

DOSE: 3 MG/KG

DISP: Natural Death

HISTO: A85036108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Kidney | Lymph Node - Mandibular |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | | |
|-------------|-------------------------|---------------|
| Gallbladder | Lymph Node - Mesenteric | Mammary Gland |
|-------------|-------------------------|---------------|

OBSERVATIONS

| | | | |
|---|-------------|------------------------------------|--------------------|
| Islets, Pancreatic Note: HYPERPLASIA TGLs = 2-5 | | Hyperplasia | Mild |
| Liver Note: SLIDE NUMBER 21 NECROTIC BUT HAS PATTERN OF ADENOMA. Note: HEPATOCLR ADEN TGLs = 3-21 | | Hepatocellular Adenoma Necrosis | Focal, Moderate |
| Lung | | Embolus | Multiple, Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 19

SEX: Male

DAY ON TEST: 725

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|---------------|-----------------|
| Mammary Gland | Pituitary Gland |
|---------------|-----------------|

OBSERVATIONS

| | | | |
|---|-------------|------------------------------|------------------|
| Harderian Gland [Carcinoma TGLS = 5-22] | | Carcinoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver [Hepatocellular Adenoma TGLS = 3-21] | | Hepatocellular Adenoma | |
| Lung [Alveolar/Bronchiolar Adenoma TGLS = 4-2] | | Alveolar/Bronchiolar Adenoma | |
| Preputial Gland [Cyst TGLS = 1-8-1] | Duct | Cyst | Minimal |
| Stomach [Hyperplasia TGLS = 6-4-1] | Forestomach | Hyperplasia | Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86040831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|--------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8-1] | | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 237

TRT#: 19

SEX: Male

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--|--------------------------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 1-21] | | |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 19

SEX: Male

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|-------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|--|------------------|
| Intestine Small Note: ADENOCARC TGLs = 7-25 | Jejunum | Adenocarcinoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver [Eosinophilic Focus TGLS = 5-24] [Hepatocellular Adenoma TGLS = 4-26] | | Eosinophilic Focus Hepatocellular Adenoma | |
| Preputial Gland [Cyst TGLS = 3-23] | Duct | Cyst | Mild |
| Skin [Cyst Epithelial Inclusion TGLS = 1-21] | | Cyst Epithelial Inclusion | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach Note: PAPILLOMA SQUA TGLs = 8-27 | Forestomach | Squamous Cell Papilloma | |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 19

SEX: Male

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lymph Node - Mandibular | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|---------------------|----------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Nose | | Foreign Body | Mild |
| | | Fungus | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 19

SEX: Male

DAY ON TEST: 571

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|---------------------------|-------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------|----------------------------------|---------------|
| Intestine Small [Polyp Adenomatous TGLS = 3-22] | Ileum | Polyp Adenomatous | |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver [Hepatocellular Carcinoma TGLS = 2-21] | | Hepatocellular Carcinoma | |
| Nose | | Foreign Body | Minimal |
| Spleen [Hematopoietic Cell Proliferation TGLS = 1-6] | | Hematopoietic Cell Proliferation | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 241

TRT#: 19

SEX: Male

DAY ON TEST: 570

DOSE: 3 MG/KG

DISP: Natural Death

HISTO: A86040834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|------------------------|-------------------------|-------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Small - Ileum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|--------------------------|---------------|
| Intestine Large - Rectum | Mammary Gland |
|--------------------------|---------------|

AUTO PRECLUDES DIAG.

| | |
|----------------------------|---------------------------|
| Intestine Small - Duodenum | Intestine Small - Jejunum |
|----------------------------|---------------------------|

OBSERVATIONS

| | | |
|--------|------------------------|------------------|
| Kidney | Nephropathy | Chronic, Minimal |
| Liver | Hepatocellular Adenoma | |
| | Necrosis | Focal, Mild |

Note: NEOPLASM IS PARTIALLY INFARCTED MAKING DIAGNOSIS DIFFICULT

[Necrosis TGLS = 2-21+6]

| | | | |
|-----------------|------|------|------|
| Preputial Gland | Duct | Cyst | Mild |
|-----------------|------|------|------|

[Cyst TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 242

TRT#: 19

SEX: Male

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|---------------|-------------------|
| Mammary Gland | Parathyroid Gland |
|---------------|-------------------|

OBSERVATIONS

| | | | |
|---------------------------------------|----------------------|------------------------|---------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Harderian Gland | | Adenoma | |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| Note: HEPATOCLR ADEN TGLs = 1-21,2-22 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 243

TRT#: 19

SEX: Male

DAY ON TEST: 584

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------|--|----------------------------------|-----------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple, Two |
| | | Necrosis | Focal, Moderate |
| | | | |
| | [Hepatocellular Adenoma TGLS = 6-24] | | |
| | [Hepatocellular Carcinoma TGLS = 7-25+6] | | |
| | [Necrosis TGLS = 4-22,5-23,6-24] | | |
| Skin | Subcut Tiss | Fibrosarcoma | |
| | [Fibrosarcoma TGLS = 1-21] | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| | [Hyperplasia TGLS = 8-4-1] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 244

TRT#: 19

SEX: Male

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|----------------------------------|----------------|------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 2-21 | | | |
| Nose | | Foreign Body | Minimal |
| | | Fungus | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Testes | Interstit Cell | Adenoma | |
| [Adenoma TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 245

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86040066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|------------|---|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangiosarcoma | |
| | | Ito Cell Tumor Benign | Multiple, Two |
| | | [Hemangiosarcoma TGLS = 1-21] | |
| | | [Ito Cell Tumor Benign TGLS = 2-22,3-23] | |
| Lymph Node | Mesenteric | Angiectasis | Mild |
| | | [Angiectasis TGLS = 5-5] | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | [Hematopoietic Cell Proliferation TGLS = 6-6] | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 246 | TRT#: 19 | SEX: Male | DAY ON TEST: 729 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040837 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------|--------------------------------|----------------------------|---------------------------|
| Adrenal Gland | Cortex, Spindle Cell Cortex | Hyperplasia Hypertrophy | Minimal Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A86040838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------|----------|--------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 525
HISTO: A86040839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|--------------------|
| Eye [Inflammation TGLS = 1-21] | Cornea | Inflammation | Subacute, Mild |
| Harderian Gland [Adenoma TGLS = 3-23] | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver [Hepatocellular Carcinoma TGLS = 2-22] | | Hepatocellular Carcinoma | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach [Hyperplasia TGLS = 4-4-1] | Forestomach | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 249

TRT#: 19

SEX: Male

DAY ON TEST: 729

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Coagulating Gland | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Pancreas | Parathyroid Gland | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--------------------|----------------------|-------------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| | Cortex | Hypertrophy | Focal, Minimal |
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | Cortex | Cyst | Mild |
| | | Hydronephrosis | Mild |
| | | Nephropathy | Chronic, Mild |
| | | [Cyst TGLS = 5-21] | |
| | | [Hydronephrosis TGLS = 4-5] | |
| Liver | | Hemorrhage | Mild |
| | | [Hemorrhage TGLS = 6-22] | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| | | [Hyperplasia TGLS = 7-2-1] | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 250

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Mammary Gland Prostate

OBSERVATIONS

| | | | |
|--|---------|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Intestine Small | Jejunum | Adenocarcinoma | |
| Note: ADENOCARC TGLs = 4-23 | | | |
| Islets, Pancreatic | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| [Hepatocellular Carcinoma TGLS = 1-21] | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Note: HEPATOCLR CARC TGLs = 5-2 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Note: HEMA CELL PROL TGLs = 3-22 | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 251 | TRT#: 19 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040068 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|-------------------|----------------------|--|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Moderate |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| | | [Hepatocellular Adenoma TGLS = 1-22] | |
| | | [Hepatocellular Carcinoma TGLS = 2-21] | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 3-4-1 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 252

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Glandular | Testes | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|-------------|-------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 253 | TRT#: 19 | SEX: Male | DAY ON TEST: 731 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040069 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|------------------------------|----------------|----------------------------------|----------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Preputial Gland | Duct | Cyst | Minimal |
| [Cyst TGLS = 2-22] | | | |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicular Cel | Hyperplasia | Moderate |
| Tooth | | Dysplasia | Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 611
HISTO: A86040842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Nose |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Skin | Stomach - Glandular | Testes | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mandibular | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Cholangiocarcinoma | Multiple, Two |
| Note: NEOPLASTIC MASSES APPEAR INFARCTED [Cholangiocarcinoma TGLS = 4-22,5-23] | | | |
| Lung | | Cholangiocarcinoma | Metastatic (Liver) |
| Note: CHOLANGIOCARC TGLs = 8-2 | | | |
| Lymph Node | Mediastinal | Cholangiocarcinoma | Metastatic (Liver) |
| | Mesenteric | Thrombosis | Mild |
| [Thrombosis TGLS = 6-5] | | | |
| Mesentery | | Cholangiocarcinoma | Metastatic (Liver) |
| [Cholangiocarcinoma TGLS = 2-21] | | | |
| Pancreas | | Cholangiocarcinoma | Metastatic (Liver) |
| Seminal Vesicle | | Cholangiocarcinoma | Metastatic (Liver) |
| Skeletal Muscle | | Cholangiocarcinoma | Metastatic (Liver) |
| Note: CHOLANGIOCARC TGLs = 7-24 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 254

TRT#: 19

SEX: Male

DAY ON TEST: 611

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040842

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 255

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 714
HISTO: A86040843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Nose |
| Pancreas | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Forestomach | Stomach - Glandular |
| Testes | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | | | |
|-------------|---------------|-------------------|--------|
| Gallbladder | Mammary Gland | Parathyroid Gland | Thymus |
|-------------|---------------|-------------------|--------|

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|---------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Carcinoma | Multiple, Two |
| | | Necrosis | Focal, Mild |
| | Kupffer Cell | Pigmentation | Minimal |
| Note: TGL-4 IS INFARCTED AND CONGESTED MAKING DIAGNOSIS DIFFICULT [Pigmentation TGLS = 3-21,4-22] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2 | | | |
| Lymph Node | Mesenteric | Angiectasis | Minimal |
| Preputial Gland | Duct | Cyst | Mild |
| [Cyst TGLS = 1-8] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 256 | TRT#: 19 | SEX: Male | DAY ON TEST: 681 |
| | DOSE: 3 MG/KG | DISP: Moribund Sacrifice | HISTO: A86040844 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Coagulating Gland |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Lung | Lymph Node - Mandibular | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Testes | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------------------------|------------------------|--------------------------|---------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Minimal |
| Intestine Small | Jejunum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 5-23 | | | |
| Islets, Pancreatic | | Hyperplasia | Mild |
| Kidney | Cortex | Cyst | Mild |
| | | Nephropathy | Chronic, Mild |
| [Nephropathy TGLS = 2-5] | | | |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| Note: HEPATOCLR ADEN TGLs = 3-21,4-22 | | | |
| Lymph Node | Mesenteric | Lymphoma Malignant Mixed | |
| Tooth | | Dysplasia | Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 257

TRT#: 19

SEX: Male

DAY ON TEST: 731

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lung | Lymph Node - Mandibular | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|-------------------------|---------------|
| Lymph Node - Mesenteric | Mammary Gland |
|-------------------------|---------------|

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | | |
| Preputial Gland | Duct | Cyst | Minimal |
| [Cyst TGLS = 1-8-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 5-4-1] | | | |
| Tooth | | Dysplasia | Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 258

TRT#: 19

SEX: Male

DAY ON TEST: 654

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|--------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| [Mixed Cell Focus TGLS = 3-22] | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | Multiple, Two |
| Note: NEOPLASM HAS MARKED DIFFERENTIATION TO "GOBLET CELLS" | | | |
| [Alveolar/Bronchiolar Carcinoma TGLS = 4-2-1,5-2] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 2-21] | | | |
| Penis | | Developmental Malformation | Mild |
| [Developmental Malformation TGLS = 1-7-1] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 6-4-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Tooth | | Dysplasia | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 259

TRT#: 19
DOSE: 3 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Gallbladder |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach - Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---------------------|------------------------------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLS = 1-21] | | |
| | [Mixed Cell Focus TGLS = 2-22] | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN | TGLs = 3-2 | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA | TGLs = 4-23 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260

TRT#: 19

SEX: Male

DAY ON TEST: 536

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86040846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Epididymis | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach - Forestomach | Stomach - Glandular | Testes |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | |
|---|----------------------------------|-----------------------------|
| Bone Marrow | Hypercellularity | Minimal |
| Kidney | Nephropathy | Chronic, Minimal |
| Liver | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | |
| [Hepatocellular Adenoma TGLS = 4-21] | | |
| [Hepatocellular Carcinoma TGLS = 5-22] | | |
| Nose | Foreign Body | Minimal |
| | Inflammation | Suppurative, Acute, Minimal |
| Spleen | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261

TRT#: 20

SEX: Male

DAY ON TEST: 275

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Thyroid Gland

Liver

Lung

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 262

TRT#: 20

SEX: Male

DAY ON TEST: 275

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Spleen

Thyroid Gland

OBSERVATIONS

Lung

Erythrophagocytosis

Multifocal, Minimal

Hemorrhage

Multifocal, Minimal

Alveolar Epith

Hyperplasia

Focal, Minimal

Infiltration Cellular

Histiocyte, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263

TRT#: 20

SEX: Male

DAY ON TEST: 273

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Spleen

Thyroid Gland

OBSERVATIONS

Lung

Infiltration Cellular
Pigmentation

Histiocyte, Multifocal, Minimal
Hemosiderin, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 264

TRT#: 20

SEX: Male

DAY ON TEST: 274

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Lung

Skin

Spleen

Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 265

TRT#: 20

SEX: Male

DAY ON TEST: 273

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Lung

Spleen

OBSERVATIONS

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266

TRT#: 20

SEX: Male

DAY ON TEST: 274

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Thyroid Gland

Liver

Lung

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 267

TRT#: 20

SEX: Male

DAY ON TEST: 275

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Lung

Spleen

OBSERVATIONS

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268

TRT#: 20

SEX: Male

DAY ON TEST: 273

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Thyroid Gland

Liver

Lung

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 269

TRT#: 20

SEX: Male

DAY ON TEST: 273

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Liver

Lung

Spleen

OBSERVATIONS

Thyroid Gland

Follicle

Degeneration

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 270

TRT#: 20

SEX: Male

DAY ON TEST: 274

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Thyroid Gland

Liver

Lung

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271

TRT#: 21

SEX: Male

DAY ON TEST: 451

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Stomach - Forestomach

Liver
Stomach - Glandular

Lung
Urinary Bladder

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 272

TRT#: 21

SEX: Male

DAY ON TEST: 452

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow

Spleen

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Liver

Hepatocellular Adenoma

Hepatocellular Carcinoma

Note: TGL 2 IS NECROTIC BUT HAS A PATTERN OF CARCINOMA

Note: HEPATOCLR ADEN TGLs = 4-22

Note: HEPATOCLR CARC TGLs = 2-21

Lung

Alveolar Epith

Hyperplasia

Focal, Minimal

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Pigmentation

Hemosiderin, Multifocal, Minimal

Cyst

Preputial Gland

Duct

Note: CYST TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 273 | TRT#: 21 | SEX: Male | DAY ON TEST: 452 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036111 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-----------------------|---------------------|------|--------|
| Bone Marrow | Liver | Lung | Spleen |
| Stomach - Forestomach | Stomach - Glandular | | |

OBSERVATIONS

| | | | |
|---------------------------------|-----|----------|-------------|
| Mesentery | Fat | Necrosis | Focal, Mild |
| Note: NECROSIS TGLs = 1-21 | | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 274

TRT#: 21

SEX: Male

DAY ON TEST: 450

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Stomach - Glandular

Liver

Spleen

Stomach - Forestomach

OBSERVATIONS

Lung

Infiltration Cellular
Pigmentation

Histiocyte, Multifocal, Minimal
Hemosiderin, Multifocal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 275 | TRT#: 21 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036113 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------|--------|-----------------------|---------------------|
| Bone Marrow | Spleen | Stomach - Forestomach | Stomach - Glandular |
|-------------|--------|-----------------------|---------------------|

OBSERVATIONS

| | | | |
|--|------|---------------------------------------|---|
| Liver Note: HEPATOCLR ADEN TGLs = 3-21,4-22 | | Hepatocellular Adenoma | Multiple, Two |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Preputial Gland Note: CYST TGLs = 1-8,2-8 | Duct | Cyst | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 21

SEX: Male

DAY ON TEST: 451

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow
Stomach - Forestomach

Liver
Stomach - Glandular

Lung

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 277 | TRT#: 21 | SEX: Male | DAY ON TEST: 450 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036115 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-----------------------|---------------------|------|--------|
| Bone Marrow | Liver | Lung | Spleen |
| Stomach - Forestomach | Stomach - Glandular | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 278 | TRT#: 21 | SEX: Male | DAY ON TEST: 450 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036116 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------|-------|------|--------|
| Bone Marrow | Liver | Lung | Spleen |
| Stomach - Glandular | | | |

OBSERVATIONS

| | | | |
|--------------------|-------------|--------------|----------------|
| Stomach | Forestomach | Hyperplasia | Mild |
| | Forestomach | Inflammation | Subacute, Mild |
| Note: INFLAMMATION | TGLs = 1-21 | | |
| Note: HYPERPLASIA | TGLs = 1-21 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 279 | TRT#: 21 | SEX: Male | DAY ON TEST: 451 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036117 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-----------------------|---------------------|------|--------|
| Bone Marrow | Liver | Lung | Spleen |
| Stomach - Forestomach | Stomach - Glandular | | |

OBSERVATIONS

| | | |
|----------------------------|------|------|
| Preputial Gland | Duct | Cyst |
| Note: CYST TGLs = 1-8 | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 21

SEX: Male

DAY ON TEST: 452

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------|-------|------|-----------------------|
| Bone Marrow | Liver | Lung | Stomach - Forestomach |
| Stomach - Glandular | | | |

OBSERVATIONS

| | | | |
|-----------------------------|----------------------------|---------------------------|--------------|
| Preputial Gland | Duct | Cyst | |
| Note: CYST TGLs = 1-8 | | | |
| Spleen | | Congestion | Minimal |
| Note: CONGESTION TGLs = 3-6 | | | |
| Thyroid Gland | Follicular Cel Follicle | Carcinoma Degeneration | Cystic, Mild |
| Note: CARCINOMA TGLs = 2-3 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 281 | TRT#: 4 | SEX: Female | DAY ON TEST: 2 |
| | DOSE: VEHICLE CONTROL | DISP: Accidentally Killed | HISTO: A85033597 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Gallbladder

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|--------------|
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Thyroid Gland | | Ultimobranchial Cyst | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 373

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Lung
Pancreas
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

MISSING

Pituitary Gland

OBSERVATIONS

Bone Marrow
Kidney
Liver
Lymph Node

Sinusoid
Mesenteric
Renal
Mediastinal

Hypercellularity
Nephropathy
Infiltration Cellular
Hyperplasia
Hyperplasia
Inflammation

Moderate
Chronic, Minimal
Polymorphnuclr, Moderate
Mild
Moderate
Suppurative, Acute, Moderate

Note: HYPERPLASIA TGLs = 6-21

Ovary
[Abscess TGLS = 2-7,3-7]

Abscess

Marked

Spleen
[Hematopoietic Cell Proliferation TGLS = 5-6]

Hematopoietic Cell Proliferation

Marked

Uterus
[Hyperplasia TGLS = 4-7]

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 283 | TRT#: 4 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040251 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--------|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 680

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|--|----------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 3-22] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 4-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 285 | TRT#: 4 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040253 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Medulla | Bone | Esophagus | Gallbladder |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Mammary Gland |
| Mesentery | Nose | Parathyroid Gland | Pituitary Gland |
| Skin | Stomach - Glandular | Thyroid Gland | Trachea |

OBSERVATIONS

| | | | |
|--|-------------|--------------------------|------------------|
| Adrenal Gland | Cortex | Lymphoma Malignant Mixed | |
| Bone Marrow | | Hypercellularity | Mild |
| Brain | | Lymphoma Malignant Mixed | |
| | | Hemorrhage | Mild |
| | | Lymphoma Malignant Mixed | |
| Note: HEMORRHAGE TGLs = 12-1 [Hemorrhage TGLS = 12-1] | | | |
| Heart | | Lymphoma Malignant Mixed | |
| Kidney | | Lymphoma Malignant Mixed | |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 7-6 | | | |
| Lung | | Hemorrhage | Mild |
| | | Lymphoma Malignant Mixed | |
| Note: HEMORRHAGE TGLs = 13-2 [Hemorrhage TGLS = 10-2] | | | |
| Lymph Node | Iliac | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 8-22] | | | |
| [Lymphoma Malignant Mixed TGLS = 9-23] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 286 | TRT#: 4 | SEX: Female | DAY ON TEST: 701 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040254 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|-------------|--------------------------------|------------------|
| [Lymphoma Malignant Mixed TGLS = 5-21,15-7-1] | | | |
| [Lymphoma Malignant Mixed TGLS = 1-8] | | | |
| [Lymphoma Malignant Mixed TGLS = 11-2] | | | |
| Ovary | | Lymphoma Malignant Mixed | |
| Pancreas | | Lymphoma Malignant Mixed | |
| Salivary Glands | | Lymphoma Malignant Mixed | |
| Spleen | | Lymphoma Malignant Lymphocytic | |
| Note: [LYMPH MAL LYMP] TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | Forestomach | Lymphoma Malignant Mixed | |
| Note: HYPERPLASIA TGLs = 16-4-1 | | | |
| [Hyperplasia TGLS = 16-4-1] | | | |
| Thymus | | Lymphoma Malignant Mixed | |
| Urinary Bladder | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 14-8-1 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 3-7 | | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 2-62 ABDOMINAL FLUID SMEAR IS COMPATABLE WITH LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Mesentery |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Three |
| | | Hepatocellular Carcinoma | |
| [Hepatocellular Adenoma TGLS = 2-22,3-23,4-24] | | | |
| [Hepatocellular Carcinoma TGLS = 1-21] | | | |
| Pituitary Gland | Pars Intermed | Adenoma | |
| [Adenoma TGLS = 5-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 6-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---------------|---|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lymph Node | Mesenteric | Angiectasis | Mild |
| | Pancreatic | Lymphoma Malignant Mixed | |
| | [Angiectasis TGLS = 6-5-1] | | |
| | [Lymphoma Malignant Mixed TGLS = 4-7-1] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 2-21,3-22] | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | [Hyperplasia TGLS = 5-4-1] | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| | [Hyperplasia TGLS = 1-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|------------------------------|---------------|----------------------------------|--------------|
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Nose | | Foreign Body | Mild |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 1-1-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 599

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|-------------------|---|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Necrosis | Focal, Mild |
| | | Vacuolization Cytoplasmic | Minimal |
| | [Necrosis TGLS = 4-21+6] | | |
| | [Vacuolization Cytoplasmic TGLS = 3-6+21] | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| | [Adenoma TGLS = 5-1] | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Glandular | Erosion | Mild |
| | Forestomach | Hyperplasia | Mild |
| | [Hyperplasia TGLS = 6-4-1] | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA | TGLs = 1-7-1 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|----------------------|--|---|
| Liver | | Eosinophilic Focus Hepatocellular Adenoma | |
| [Eosinophilic Focus TGLS = 2-21] [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Nose | | Foreign Body Inflammation Hyperplasia | Mild Suppurative, Acute, Minimal Mild |
| Pituitary Gland | Pars Distalis | Hematopoietic Cell Proliferation | Mild |
| Spleen | | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle Follicle | Cyst Degeneration | Minimal Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 620

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------------|-----------------|
| Parathyroid Gland | Pituitary Gland |
|-------------------|-----------------|

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|--------------|
| Islets, Pancreatic [Adenoma TGLS = 2-7-1] | | Adenoma | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus [Hyperplasia TGLS = 1-7] | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---------------|----------------|----------------------------------|------------------|
| Liver | | Hepatocellular Adenoma | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Pancreas | Acinus | Atrophy | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | |
|----------------------|--|--------------------------|
| Adrenal Gland | Cortex | Lymphoma Malignant Mixed |
| Kidney | | Lymphoma Malignant Mixed |
| Note: LYMPH MAL MIXD | TGLs = 6-5-1,7-5 | |
| Liver | | Lymphoma Malignant Mixed |
| Note: LYMPH MAL MIXD | TGLs = 10-23 | |
| Lung | | Lymphoma Malignant Mixed |
| Note: LYMPH MAL MIXD | TGLs = 13-2 | |
| Lymph Node | Hemal | Lymphoma Malignant Mixed |
| | Iliac | Lymphoma Malignant Mixed |
| | Mandibular | Lymphoma Malignant Mixed |
| | Mediastinal | Lymphoma Malignant Mixed |
| | Mesenteric | Lymphoma Malignant Mixed |
| | Pancreatic | Lymphoma Malignant Mixed |
| | Renal | Lymphoma Malignant Mixed |
| | [Lymphoma Malignant Mixed TGLS = 5-5] | |
| | [Lymphoma Malignant Mixed TGLS = 12-2-1] | |
| | [Lymphoma Malignant Mixed TGLS = 11-24] | |
| | [Lymphoma Malignant Mixed TGLS = 9-22] | |
| | [Lymphoma Malignant Mixed TGLS = 8-21] | |
| | [Lymphoma Malignant Mixed TGLS = 1-8] | |
| Salivary Glands | | Lymphoma Malignant Mixed |
| Spleen | | Lymphoma Malignant Mixed |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040262

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 4-6-1
Uterus

Endometrium

Dilatation
Hyperplasia

Mild
Cystic, Minimal

Note: DILATATION TGLs = 2-7,3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|-----------------|---------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Moderate |
| | | | |
| | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| | | | |
| | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Spleen

Nephropathy
Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Chronic, Minimal
Minimal
Minimal
Cystic, Marked

Uterus
[Hyperplasia TGLS = 1-7]

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 298

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A85036052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 5-22 [Hepatocellular Adenoma TGLS = 3-21] | | | |
| Nose | Glands | Cyst | Mild |
| Ovary | | Cyst | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-------------------|
| Kidney [Nephropathy TGLS = 2-5] | | Nephropathy | Chronic, Moderate |
| Mesentery Note: NECROSIS TGLs = 4-21 | Fat | Necrosis | Mild |
| Spleen [Hematopoietic Cell Proliferation TGLS = 3-6] | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus [Hyperplasia TGLS = 1-7] | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|-----------------|--|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| | [Squamous Cell Papilloma TGLS = 3-4-1] | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Adenocarcinoma | |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Adenocarcinoma TGLS = 2-7+7-1] | | |
| | [Hyperplasia TGLS = 1-7+7-1] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Stomach - Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

| | |
|-------|--------|
| Ovary | Thymus |
|-------|--------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | Multiple |
| | | Vacuolization Cytoplasmic | Moderate |
| Note: MIXED CL FOCUS TGLs = 6-23,7-24 | | | |
| [Hepatocellular Carcinoma TGLS = 2-22] | | | |
| [Vacuolization Cytoplasmic TGLS = 3-6] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 5-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 302 | TRT#: 4 | SEX: Female | DAY ON TEST: 536 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040268 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|--------------------------|
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 1-21] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 2-22 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangiosarcoma | |
| | | Inflammation | Granulomatous, Minimal |
| [Hemangiosarcoma TGLS = 4-21] | | | |
| Lung | | Foreign Body | Mild |
| | | Inflammation | Granulomatous, Moderate |
| Note: FOREIGN MATERIAL IN THE FORM OF CLEAN SPICULES, Note: UNIDENTIFIED Note: FOREIGN BODY TGLs = 5-2 Note: FOREIGN MATERIAL AND INFLAMMATION RANDOMLY DISTRIBUTED Note: UNUSUAL LESION [Foreign Body TGLS = 5-2] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Mild |
| | | Hemorrhage | Mild |
| [Cyst TGLS = 1-7] [Hemorrhage TGLS = 1-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-4-1 | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040269

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Follicle

Degeneration

Cystic, Mild

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 700

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------|--|----------------------------------|------------------|
| Adrenal Gland | Cortex | Lymphoma Malignant Mixed | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lymph Node | Axillary | Lymphoma Malignant Mixed | |
| | Bronchial | Lymphoma Malignant Mixed | |
| | Iliac | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 1-8] | | |
| | [Lymphoma Malignant Mixed TGLS = 7-23] | | |
| | [Lymphoma Malignant Mixed TGLS = 2-21] | | |
| | [Lymphoma Malignant Mixed TGLS = 6-22] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Note: HEMA CELL PROL | TGLs = 5-6 | | |
| Thymus | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 8-24 | | |
| Thyroid Gland | Follicle | Cyst | Mild |
| | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Mild |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 700

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040270

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DILATATION TGLs = 4-7

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Ovary

OBSERVATIONS

| | | | |
|------------------------------|-------------|----------------------------------|-----------------------------|
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 1-7-1] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 4-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------|
| Harderian Gland [Adenoma TGLS = 1-22] | | Adenoma | |
| Liver [Hepatocellular Adenoma TGLS = 3-21] | | Hepatocellular Adenoma | |
| Lymph Node | Mandibular | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach [Hyperplasia TGLS = 5-4-1] | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---------|---|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 3-21] | | |
| | [Hepatocellular Carcinoma TGLS = 4-22] | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | [Hematopoietic Cell Proliferation TGLS = 2-6] | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| | [Hyperplasia TGLS = 6-4-1] | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLS = 1-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 309 | TRT#: 4 | SEX: Female | DAY ON TEST: 730 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040073 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|------------------|
| Blood Vessel [Thrombosis TGLS = 2-22] | Abdominal | Thrombosis | Marked |
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary [Cyst TGLS = 3-7-1] | | Cyst | Moderate |
| Pancreas | Acinus | Atrophy | Minimal |
| Pituitary Gland [Hyperplasia TGLS = 4-1] | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Glandular

OBSERVATIONS

Liver Kupffer Cell
Lung [Alveolar/Bronchiolar Adenoma TGLS = 2-2-1]

Spleen
Thyroid Gland Follicle
Uterus Endometrium
[Hyperplasia TGLS = 1-7]

Pigmentation
Alveolar/Bronchiolar Adenoma
Hematopoietic Cell Proliferation
Degeneration
Hyperplasia

Mild
Minimal
Cystic, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|------------------|
| Harderian Gland | | Adenoma | |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-1-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 312 | TRT#: 4 | SEX: Female | DAY ON TEST: 423 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A85036053 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------|-------------|----------------------------------|--------------|
| Ovary | | Cyst | Moderate |
| Note: CYST | TGLs = 1-7 | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Tongue | | Congestion | Mild |
| [Congestion TGLS = 3-21] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 483

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Clitoral Gland | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------------------------|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 2-22] | | | |
| Pancreas | Acinus | Atrophy | Moderate |
| | Duct | Dilatation | Marked |
| Note: DILATATION TGLs = 3-23 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Uterus | | Cyst | Marked |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: CYST TGLs = 5-7-1 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------|-------------|--|--------------------------|
| Adrenal Gland | Medulla | Hyperplasia | Mild |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| | | [Hepatocellular Carcinoma TGLS = 3-22] | |
| | | [Mixed Cell Focus TGLS = 2-21] | |
| Nose | | Foreign Body | Mild |
| | | Fungus | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| | | [Hyperplasia TGLS = 1-7] | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Skin
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Salivary Glands
Trachea

MISSING

Ovary

OBSERVATIONS

Harderian Gland
Note: ADENOMA TGLs = 2-21

Kidney
Nose

Spleen
Stomach
Note: HYPERPLASIA TGLs = 3-4-1

Thyroid Gland
Uterus
Note: HYPERPLASIA TGLs = 1-7

Adenoma

Nephropathy
Foreign Body
Inflammation
Hematopoietic Cell Proliferation
Hyperplasia

Forestomach

Follicle
Endometrium

Chronic, Minimal
Mild
Suppurative, Acute, Minimal
Minimal
Mild
Cystic, Minimal
Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 316 | TRT#: 4 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040279 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 2-21+6] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 570

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|------------------------------------|-------------|----------------------------------|------------------|
| Liver | | Eosinophilic Focus | |
| [Eosinophilic Focus TGLS = 5-21] | | | |
| Nose | | Foreign Body | Minimal |
| Ovary | | Teratoma Benign | |
| [Teratoma Benign TGLS = 4-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|------------------|
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 5-23] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 4-22] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 6-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|--------------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Malignant | |
| Note: PHEOCHROM MAL TGLS = 3-21 | | | |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| [Hepatocellular Adenoma TGLS = 4-22,5-23] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 662

DOSE: VEHICLE CONTROL

DISP: Natural Death

HISTO: A86040283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|-------------------|
| Bone | | Osteosarcoma | |
| Note: OSTEOSARC | TGLs = 7-23 | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Hepatocellular Adenoma | |
| [Clear Cell Focus TGLS = 4-21] | | | |
| Lung | | Osteosarcoma | Metastatic (Bone) |
| Note: OSTEOSARC | TGLs = 6-2+2-2 | | |
| Lymph Node | | Osteosarcoma | Metastatic (Bone) |
| Note: OSTEOSARC | TGLs = 9-2-1+2 | | |
| Skeletal Muscle | | Osteosarcoma | Metastatic (Bone) |
| Note: OSTEOSARC | TGLs = 5-22 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Stomach | | Squamous Cell Papilloma | |
| Note: PAPILLOMA SQUA | TGLs = 10-4 | | |
| Uterus | | Dilatation | Moderate |
| | | Hyperplasia | Cystic, Marked |
| [Dilatation TGLS = 3-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Ovary | | Cyst | Mild |
| | | Hemorrhage | Mild |
| [Cyst TGLS = 2-7] | | | |
| [Hemorrhage TGLS = 2-7] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 4

SEX: Female

DAY ON TEST: 534

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Eye | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mesenteric | Ovary | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|---|-------------|--------------|------------------------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Harderian Gland | | Carcinoma | |
| [Carcinoma TGLS = 4-44-1+9] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lymph Node | Mandibular | Hyperplasia | Mild |
| [Hyperplasia TGLS = 1-8] | | | |
| Nose | | Carcinoma | Metastatic (Harderian Gland) |
| Pancreas | Acinus | Atrophy | Minimal |
| Skeletal Muscle | | Carcinoma | Metastatic (Harderian Gland) |
| Note: METASTATIC CARCINOMA INVADING THE MUSCLES OF THE FACE | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 5-4-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 3-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------------------------|---------------|----------------------------------|----------------|
| Liver | Centrilobular | Necrosis | Minimal |
| Lymph Node | Iliac | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 3-22] | | | |
| Mesentery | | Sarcoma | |
| [Sarcoma TGLS = 2-21] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 4-23 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Mammary Gland | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------|---|----------------------------------|-----------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 1-21,2-22] | | |
| | [Hepatocellular Carcinoma TGLS = 3-23] | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Lymph Node | Iliac | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 6-24 | | |
| | [Lymphoma Malignant Mixed TGLS = 11-8] | | |
| | [Lymphoma Malignant Mixed TGLS = 7-25] | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| | | Cyst | Marked |
| Ovary | | | |
| Note: CYST | TGLs = 5-7-1 | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA | TGLs = 8-1 | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Lymphoma Malignant Mixed | |
| Note: HEMA CELL PROL | TGLs = 9-26 | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 324

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040075

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|-------------|---------------------------|------------------|
| Note: LYMPH MAL MIXD TGLs = 9-26 Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 10-4-1 Uterus | | Angiectasis Hemorrhage | Moderate Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: [ANGIECTASIS] TGLs = 4-7 [Hemorrhage TGLS = 4-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 325

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Lymph Node - Mandibular

OBSERVATIONS

| | | | |
|-------------------------------|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Hemorrhage | Mild |
| [Hemorrhage TGLS = 2-2] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-21 | | | |
| Uterus | | Dilatation | Marked |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 1-7-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 326 | TRT#: 4 | SEX: Female | DAY ON TEST: 729 |
| | DOSE: VEHICLE CONTROL | DISP: Terminal Sacrifice | HISTO: A86040288 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Lymph Node - Mandibular

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Inflammation | Granulomatous, Moderate |
| [Inflammation TGLS = 2-6] | | | |
| Lymph Node | Mesenteric | Hyperplasia | Mild |
| Ovary | | Cyst | Marked |
| [Cyst TGLS = 1-7] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|------------------|
| Lymph Node | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 6-23,7-5] | | | |
| Mesentery | | Cyst | Moderate |
| | | Hemorrhage | Mild |
| | Fat | Necrosis | Moderate |
| Note: CYST | TGLs = 5-22 | | |
| [Hemorrhage TGLS = 5-22] | | | |
| [Necrosis TGLS = 3-21] | | | |
| Ovary | Granulosa Cell | Adenoma | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Lymphoma Malignant Mixed | |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| [Lymphoma Malignant Mixed TGLS = 4-6] | | | |
| Thyroid Gland | Follicle | Cyst | Mild |
| | Follicle | Degeneration | Cystic, Mild |
| | Follicular Cel | Hyperplasia | Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Sarcoma Stromal | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040289

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 2-7]

[Hyperplasia TGLS = 1-7]

[Sarcoma Stromal TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 328

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: VEHICLE CONTROL

DISP: Terminal Sacrifice

HISTO: A86040290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|-------------------------------------|-----------------|-----------------------------------|------------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | | Cyst | Mild |
| Spleen | | Lymphoma Malignant Mixed | |
| Note: [LYMPH MAL MIXD] TGLs = 3-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 4-21] | | | |
| Uterus | Endometrium | Dilatation | Mild |
| [Dilatation TGLS = 2-7] | | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:14

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 329

TRT#: 4

SEX: Female

DAY ON TEST: 606

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|--------------|--------------------------|-------------------|
| Ear | Pinna | Infarct | Moderate |
| [Infarct TGLS = 1-21] | | | |
| Kidney | Renal Tubule | Dilatation | Mild |
| | | Lymphoma Malignant Mixed | |
| | | Nephropathy | Chronic, Moderate |
| Note: NEPHROPATHY TGLs = 9-5,10-5 | | | |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 14-26] | | | |
| Lung | | Lymphoma Malignant Mixed | |
| Lymph Node | Axillary | Lymphoma Malignant Mixed | |
| | Iliac | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 12-24] | | | |
| [Lymphoma Malignant Mixed TGLS = 13-25] | | | |
| [Lymphoma Malignant Mixed TGLS = 2-8-1] | | | |
| [Lymphoma Malignant Mixed TGLS = 3-22] | | | |
| [Lymphoma Malignant Mixed TGLS = 8-23] | | | |
| [Lymphoma Malignant Mixed TGLS = 11-5] | | | |
| Nose | | Foreign Body | Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 329 | TRT#: 4 | SEX: Female | DAY ON TEST: 606 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040291 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|-------------|--|--------------------------|
| Spleen [Lymphoma Malignant Mixed TGLS = 7-6] | | Inflammation Lymphoma Malignant Mixed | Suppurative, Acute, Mild |
| Stomach [Hyperplasia TGLS = 16-4-1] | Forestomach | Hyperplasia | Mild |
| Thymus [Lymphoma Malignant Mixed TGLS = 15-27] | | Lymphoma Malignant Mixed | |
| Uterus [Hyperplasia TGLS = 6-7] | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330

TRT#: 4

SEX: Female

DAY ON TEST: 725

DOSE: VEHICLE CONTROL

DISP: Moribund Sacrifice

HISTO: A86040292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|----------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Jejunum |
| Islets, Pancreatic | Mammary Gland | Nose | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Intestine Large - Colon

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|-------------------|
| Intestine Small | Ileum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| Kidney | | Lymphoma Malignant Mixed | |
| | | Nephropathy | Chronic, Moderate |
| Liver | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 7-22,8-23 | | | |
| Lung | | Lymphoma Malignant Mixed | |
| Lymph Node | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 13-7-1] | | | |
| [Lymphoma Malignant Mixed TGLS = 1-8-1] | | | |
| [Lymphoma Malignant Mixed TGLS = 6-21+5,11-25] | | | |
| Mesentery | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 9-24 | | | |
| Ovary | | Lymphoma Malignant Mixed | |
| Pancreas | Acinus | Atrophy | Mild |
| | | Lymphoma Malignant Mixed | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 5-6] | | | |
| Stomach | Glandular | Erosion | Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|---------------------------------|-------------------------|
| ANIMAL ID: 330 | TRT#: 4 | SEX: Female | DAY ON TEST: 725 |
| | DOSE: VEHICLE CONTROL | DISP: Moribund Sacrifice | HISTO: A86040292 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|--|-------------|--------------------------|----------------|
| Note: EROSION TGLs = 10-4-1 [Erosion TGLS = 14-4-1] | Forestomach | Hyperplasia | Mild |
| Thymus Note: LYMPH MAL MIXD TGLs = 12-26 | | Lymphoma Malignant Mixed | |
| Uterus Note: HYPERPLASIA TGLs = 4-7 | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 331 | TRT#: 5 | SEX: Female | DAY ON TEST: 273 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035013 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|-------------------|-------------|----------------|-------------------|
| Ovary | | Cyst | Mild |
| | | Mineralization | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA | TGLs = 2-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 332

TRT#: 5

SEX: Female

DAY ON TEST: 275

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Lymph Node - Mandibular

OBSERVATIONS

| | | | |
|--------|-------------|---------------|------------------|
| Kidney | | Casts Protein | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 333

TRT#: 5

SEX: Female

DAY ON TEST: 105

DOSE: VEHICLE 9 SSAC

DISP: Natural Death

HISTO: A85033598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular

Bone
Gallbladder
Intestine Small - Duodenum
Liver
Nose
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Heart
Kidney
Lung
[Congestion TGLS = 1-2]
Spleen
Thymus
Uterus

Glomerulus

Mineralization
Amyloid Deposition
Congestion
Atrophy
Atrophy
Hyperplasia

Multifocal, Minimal
Marked
Mild
Marked
Marked
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 334

TRT#: 5

SEX: Female

DAY ON TEST: 274

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--------|-------------|---------------|------------------|
| Kidney | | Casts Protein | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 335 | TRT#: 5 | SEX: Female | DAY ON TEST: 273 |
| | DOSE: VEHICLE 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85034987 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

| | |
|-------------------------|-------------------------|
| Intestine Small - Ileum | Lymph Node - Mesenteric |
|-------------------------|-------------------------|

OBSERVATIONS

| | | | |
|------------------------------|-------------|--------------|-----------------|
| Ovary | | Cyst | Marked |
| [Cyst TGLS = 1-7] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Note: HYPERPLASIA TGLs = 2-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 336

TRT#: 5

SEX: Female

DAY ON TEST: 274

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-----------------|-----------------------------------|------------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Stomach | Forestomach | Diverticulum | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 337

TRT#: 5

SEX: Female

DAY ON TEST: 273

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Stomach - Glandular

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Thyroid Gland
Uterus

Follicle
Endometrium

Degeneration
Hyperplasia

Cystic, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 338

TRT#: 5

SEX: Female

DAY ON TEST: 275

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--------|-------------|-------------|--------------|
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
|--------|-------------|-------------|--------------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 339

TRT#: 5

SEX: Female

DAY ON TEST: 274

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Spleen | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------|-----------------|-----------------------------------|-----------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Minimal |
| Kidney | | Casts Protein | Minimal |
| Pancreas | | Atrophy | Focal, Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340

TRT#: 5

SEX: Female

DAY ON TEST: 274

DOSE: VEHICLE 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85034992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Trachea

OBSERVATIONS

Kidney
Thyroid Gland
Uterus

Follicle
Endometrium

Casts Protein
Degeneration
Hyperplasia

Minimal
Cystic, Minimal
Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 451

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Pituitary Gland

OBSERVATIONS

| | | | |
|--------|-------------|----------------------------------|---------------------------------|
| Kidney | | Casts Protein | Mild |
| | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| Liver | | Hematopoietic Cell Proliferation | Minimal |
| | | Necrosis | Multifocal, Minimal |
| Nose | | Foreign Body | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 342 | TRT#: 6 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036055 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Spleen | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------|-------------|--------------|-----------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 7

DOSE: VEHICLE 15 SSAC

DISP: Drowned

HISTO: A85033599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | |
|--------|-------------|--------------|
| Spleen | Atrophy | Marked |
| Thymus | Atrophy | Mild |
| Uterus | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 451

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Intestine Large - Rectum

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|-----------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 345 | TRT#: 6 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: VEHICLE 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036057 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--------|-------------|---------------|------------------|
| Kidney | | Casts Protein | Minimal |
| Uterus | | Hydrometra | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|--------|-------------|-----------------------|---------------------------------|
| Kidney | | Casts Protein | Minimal |
| | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| Ovary | | Cyst | |
| Uterus | | Hydrometra | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 452

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

MISSING

Gallbladder

OBSERVATIONS

Bone Marrow
Kidney
Liver

Hyperplasia
Casts Protein
Hepatocellular Carcinoma
Necrosis
Pigmentation

Mild
Minimal
Multifocal, Minimal
Mild

[Hepatocellular Carcinoma TGLS = 2-21+6]

Lung
Spleen

Hepatocellular Carcinoma
Hematopoietic Cell Proliferation

Metastatic (Liver)
Marked

[Hematopoietic Cell Proliferation TGLS = 1-6]

Uterus
Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 451

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Liver
Uterus
[Hyperplasia TGLS = 1-7]

Endometrium

Infiltration Cellular
Infiltration Cellular
Hyperplasia

Lymphocyte, Multifocal, Minimal
Lymphocyte, Multifocal, Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 451

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Kidney
Liver
 Note: HEPATOCLR ADEN TGLs = 4-22
Ovary
 [Cyst TGLS = 1-21]
Uterus
 [Hyperplasia TGLS = 2-7]

Endometrium

Infiltration Cellular
Hepatocellular Adenoma

Cyst

Hydrometra
Hyperplasia

Lymphocyte, Multifocal, Minimal

Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 450

DOSE: VEHICLE 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------|-------------|---------------------------------------|---|
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hydrometra Hyperplasia | Mild Cystic, Moderate |
| [Hydrometra TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 351

TRT#: 10

SEX: Female

DAY ON TEST: 651

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--|--------------|--|----------------------|
| Heart | | Lymphoma Malignant Mixed | |
| Liver | | Lymphoma Malignant Mixed Pigmentation | Moderate |
| | Kupffer Cell | | |
| Note: LYMPH MAL MIXD TGLs = 7-23+6 | | | |
| Lung | | Lymphoma Malignant Mixed | |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate |
| Note: HEMA CELL PROL TGLs = 5-6 [Hematopoietic Cell Proliferation TGLS = 5-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Thymus | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 8-24 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Mild |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 352

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Spleen

Nephropathy
Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Chronic, Minimal
Mild
Moderate
Cystic, Moderate

Uterus
[Hyperplasia TGLS = 2-7]

Endometrium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 353

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| Note: HEPATOCLR ADEN TGLs = 5-22 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 4-4-1 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354

TRT#: 10

SEX: Female

DAY ON TEST: 708

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|-------------|-----------------|
| Gallbladder | Pituitary Gland |
|-------------|-----------------|

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Necrosis | Focal, Mild |
| | | Pigmentation | Mild |
| Note: AUTOLYSIS INHIBITS ACCURATE DIAGNOSIS [Necrosis TGLS = 3-22] [Pigmentation TGLS = 2-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Note: PIGMENT TGLs = 4-6 Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 355

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|----------|
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Lymph Node | Mandibular | Lymphoma Malignant Mixed | |
| | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Pancreatic | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 3-7 | | | |
| Mesentery | | Cyst | Mild |
| | | Hemorrhage | Mild |
| | | Lymphoma Malignant Mixed | |
| | Fat | Necrosis | Mild |
| Note: NECROSIS ON SLIDE 7 | | | |
| Note: CYST TGLs = 5-21 | | | |
| [Cyst TGLs = 5-21] | | | |
| [Hemorrhage TGLs = 5-21] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Lymphoma Malignant Mixed | |
| | | Pigmentation | Moderate |
| Note: LYMPHOMA IN EARLY STAGES | | | |
| [Hematopoietic Cell Proliferation TGLs = 4-6] | | | |
| [Pigmentation TGLs = 4-6] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 355 | TRT#: 10 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040297 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|----------------------------|-------------|--------------------------|------------------|
| Thymus | | Lymphoma Malignant Mixed | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 356

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|--------------------------------|----------------------|----------------------------------|-------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Pigmentation | Minimal |
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 1-7-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Metaplasia | Osseous, Moderate |
| | | Pigmentation | Moderate |
| [Metaplasia TGLS = 2-6-1] | | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 3-4-1 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:14
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 357

TRT#: 10

SEX: Female

DAY ON TEST: 725

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Thymus

OBSERVATIONS

| | | | |
|----------------------------|--------------|----------------------------------|-----------------------------|
| Liver | Kupffer Cell | Pigmentation | Mild |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Islets, Pancreatic | Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------|---|----------------------------------|-----------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Intestine Small | Jejunum | Hyperplasia | Moderate |
| Note: HYPERPLASIA | TGLs = 6-23 | | |
| Liver | Kupffer Cell | Hepatocellular Adenoma | Multiple, Two |
| | [Hepatocellular Adenoma TGLS = 1-21,2-22] | Pigmentation | Minimal |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 7-2 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| Note: HEMA CELL PROL | TGLs = 5-6-1 | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 8-4-1 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Dilatation | Mild |
| | | Hyperplasia | Cystic, Mild |
| Note: DILATATION | TGLs = 3-7 | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 359

TRT#: 10

SEX: Female

DAY ON TEST: 711

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|-------------------------------------|--------------|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Hepatocellular Carcinoma | |
| [Pigmentation TGLs = 2-21] | | Pigmentation | Moderate |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Note: HEPATOCLR CARC TGLs = 3-2+2-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Note: PIGMENT TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:15

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 360

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|------------------|--|----------------------------------|------------------|
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Mild |
| | [Hepatocellular Carcinoma TGLS = 1-21] | | |
| Ovary | | Cyst | Mild |
| Note: CYST | TGLs = 3-7 | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: DILATATION | TGLs = 2-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 361

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Pigmentation | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 362

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|-----------------------------|
| Liver | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Minimal |
| [Mixed Cell Focus TGLS = 3-22] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|----------------|-------------------------|
| Clitoral Gland | Lymph Node - Mesenteric |
|----------------|-------------------------|

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-----------------------------|
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | Multiple |
| | Kupffer Cell | Pigmentation | Minimal |
| Note: MIXED CL FOCUS TGLs = 5-23,6-24 [Hepatocellular Adenoma TGLS = 3-22] | | | |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-21] [Pigmentation TGLS = 2-21] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 4-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 364

TRT#: 10

SEX: Female

DAY ON TEST: 477

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | Pigmentation | Moderate |
| [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------|---|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Mild |
| | [Hepatocellular Carcinoma TGLS = 3-21] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| | [Hematopoietic Cell Proliferation TGLS = 2-6] | | |
| | [Pigmentation TGLS = 2-6] | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 366

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 2-21 | | | |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| Note: ALV BRON CARC TGLs = 4-2 | | | |
| Lymph Node | Pancreatic | Pigmentation | Mild |
| Pituitary Gland | Pars Distalis | Cyst | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Metaplasia | Osseous, Minimal |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLs = 1-6] | | | |
| [Pigmentation TGLs = 1-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 3-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 367

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Lymph Node - Mandibular

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|-----------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Pigmentation | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |

[Dilatation TGLS = 2-7,3-7]

[Hyperplasia TGLS = 2-7,3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 368

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

OBSERVATIONS

Bone Marrow
Kidney
Liver
Nose

Spleen

Uterus

Kupffer Cell

Endometrium

Hypercellularity
Nephropathy
Pigmentation
Foreign Body
Inflammation
Hematopoietic Cell Proliferation
Metaplasia
Pigmentation
Hyperplasia

Minimal
Chronic, Minimal
Mild
Mild
Suppurative, Acute, Mild
Mild
Osseous, Mild
Moderate
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369

TRT#: 10

SEX: Female

DAY ON TEST: 665

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--|-------------|------------------|------------------|
| Harderian Gland | | Hyperplasia | Minimal |
| Intestine Small [Ulcer TGLS = 3-21] | Duodenum | Ulcer | Mild |
| Islets, Pancreatic [Adenoma TGLS = 4-7-1] | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| Spleen | | Atrophy | Minimal |
| | | Pigmentation | Moderate |
| Stomach [Hyperplasia TGLS = 5-4-1] | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus [Hyperplasia TGLS = 1-7] | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370

TRT#: 10

SEX: Female

DAY ON TEST: 724

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|-------------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple, Two |
| Note: HEPATOCLR ADEN TGLs = 5-21 [Hepatocellular Adenoma TGLS = 6-22+6] | | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| | Artery, Glandular | Inflammation | Subacute, Mild |
| Note: HYPERPLASIA TGLs = 7-4-1 | | | |
| Uterus | Endometrium | Dilatation | Moderate |
| | | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7-1,2-7-1] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 5-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | Pigmentation | Moderate |
| [Pigmentation TGLS = 4-6] | | | |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| [Squamous Cell Papilloma TGLS = 3-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 372

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-----------------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 373

TRT#: 10

SEX: Female

DAY ON TEST: 692

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|-------------------|--|----------------------------------|--------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Minimal |
| | [Hepatocellular Carcinoma TGLS = 1-21+6] | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 2-4-1 | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 374

TRT#: 10

SEX: Female

DAY ON TEST: 402

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A85036074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Lymph Node - Mandibular | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Gallbladder

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Moderate |
| Liver | Sinusoid | Infiltration Cellular | Polymorphnuclr, Moderate |
| | Kupffer Cell | Pigmentation | Minimal |
| Lung | | Pigmentation | Minimal |
| Note: PIGMENT | TGLs = 10-2 | | |
| Lymph Node | Iliac | Hyperplasia | Marked |
| | Mediastinal | Hyperplasia | Marked |
| | Mesenteric | Hyperplasia | Marked |
| | Pancreatic | Hyperplasia | Marked |
| | Renal | Hyperplasia | Marked |
| Note: HYPERPLASIA | TGLs = 2-22 | | |
| Note: HYPERPLASIA | TGLs = 8-24 | | |
| Note: HYPERPLASIA | TGLs = 9-2 | | |
| Note: HYPERPLASIA | TGLs = 6-5 | | |
| Note: HYPERPLASIA | TGLs = 7-23 | | |
| Ovary | | Abscess | Marked |
| [Abscess TGLS = 4-7+7-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|--|---|--|
| ANIMAL ID: 374 | TRT#: 10 DOSE: 100MG/KG | SEX: Female DISP: Moribund Sacrifice | DAY ON TEST: 402 HISTO: A85036074 |
|-----------------------|--|---|--|

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Gallbladder

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|-----------------|
| Liver | | Eosinophilic Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Note: EOSIN FOCUS | TGLs = 4-21 | | |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7-1] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Dilatation | Mild |
| | | Hyperplasia | Cystic, Mild |
| | | Polyp Stromal | |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Ovary

OBSERVATIONS

| | | | |
|-------------------------------|--------------|----------------------------------|-----------------|
| Liver | Kupffer Cell | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Marked |
| [Necrosis TGLS = 2-22,5-23] | | | |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Dilatation TGLS = 4-7] | | | |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 10

SEX: Female

DAY ON TEST: 735

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Trachea | Urinary Bladder |

MISSING

Thymus

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Mild |
| Note: ADENOMA IS INFARCTED AND DIFFICULT TO DIAGNOSE | | | |
| Note: HEPATOCLR ADEN TGLs = 3-22 | | | |
| Mesentery | Fat | Necrosis | Minimal |
| Note: NECROSIS TGLs = 2-21 | | | |
| Ovary | | Cyst | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Angiectasis | Moderate |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 378 | TRT#: 10 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040316 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Mammary Gland | Ovary |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|------------------------------|--------------|----------------------------------|-----------------------------|
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lymph Node | Mesenteric | Hyperplasia | Moderate |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pancreas | Acinus | Atrophy | Moderate |
| Spleen | | Hemangioma | |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |
| [Hyperplasia TGLS = 2-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|------------------|
| Liver | | Mixed Cell Focus | |
| [Mixed Cell Focus TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|-----------------|----------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |

[Dilatation TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 381

TRT#: 10

SEX: Female

DAY ON TEST: 716

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Marked |
| Note: HEPATOCLR CARC TGLs = 2-21 | | | |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| [Pigmentation TGLS = 1-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 382

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------|--------------|----------------------------------|-----------------|
| Liver | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 10

SEX: Female

DAY ON TEST: 634

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Mammary Gland | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Thyroid Gland | Trachea |

MISSING

Gallbladder

OBSERVATIONS

| | | | |
|----------------------|---|----------------------------------|---------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 5-5 | | |
| Liver | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 8-24,9-6 | | |
| Lung | | Lymphoma Malignant Mixed | |
| Lymph Node | Bronchial | Lymphoma Malignant Mixed | |
| | Lumbar | Lymphoma Malignant Mixed | |
| | Mandibular | Lymphoma Malignant Mixed | |
| | Mediastinal | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| | Renal | Lymphoma Malignant Mixed | |
| | [Lymphoma Malignant Mixed TGLS = 7-23] | | |
| | [Lymphoma Malignant Mixed TGLS = 1-8-1] | | |
| | [Lymphoma Malignant Mixed TGLS = 4-21] | | |
| | [Lymphoma Malignant Mixed TGLS = 10-2] | | |
| | [Lymphoma Malignant Mixed TGLS = 6-22] | | |
| Mesentery | | Lymphoma Malignant Mixed | |
| Nose | | Lymphoma Malignant Mixed | |
| Ovary | | Lymphoma Malignant Mixed | |
| Pancreas | | Lymphoma Malignant Mixed | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 383 | TRT#: 10 | SEX: Female | DAY ON TEST: 634 |
| | DOSE: 100MG/KG | DISP: Moribund Sacrifice | HISTO: A86040321 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---------------------------------|-----------------------|---------------------------------------|--------------|
| Note: LYMPH MAL MIXD TGLs = 3-6 | | Lymphoma Malignant Mixed Pigmentation | Minimal |
| Stomach | Forestomach Glandular | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 11-25 | | Lymphoma Malignant Mixed | |
| Thymus | | Lymphoma Malignant Mixed | |
| Urinary Bladder | | Lymphoma Malignant Mixed | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Note: LYMPH MAL MIXD TGLs = 2-7 | | Lymphoma Malignant Mixed | |
| Note: HYPERPLASIA TGLs = 2-7 | | Lymphoma Malignant Mixed | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 384

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Thymus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Bone Marrow
Kidney
Spleen

Hypercellularity
Nephropathy
Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Minimal
Chronic, Minimal
Mild
Moderate
Cystic, Marked

Uterus

Endometrium

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 385

TRT#: 10

SEX: Female

DAY ON TEST: 732

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Pigmentation | Moderate |
| [Pigmentation TGLS = 4-21] | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2-1 | | | |
| Ovary | | Cyst | Mild |
| | | Hemangioma | |
| | | Metaplasia | Osseous, Mild |
| [Cyst TGLS = 2-7-1] | | | |
| [Hemangioma TGLS = 2-7-1] | | | |
| [Metaplasia TGLS = 2-7-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-4-1 | | | |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 386

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|--------------------------|--|-----------------------------|
| Adrenal Gland | Cortex Cortex, X-Zone | Cyst Infiltration Cellular | Mild Lipocyte, Moderate |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 4-2] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 3-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Mild Moderate |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-23 | | | |
| Thyroid Gland | Follicular Cel | Adenoma | |
| [Adenoma TGLS = 5-22] | | | |
| Uterus | Endometrium | Dilatation Hyperplasia | Minimal Cystic, Moderate |
| [Dilatation TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 387

TRT#: 10

SEX: Female

DAY ON TEST: 725

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-----------------------------|
| Harderian Gland | | Adenoma | |
| [Adenoma TGLS = 4-21] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Lymphoma Malignant Mixed | |
| | Kupffer Cell | Pigmentation | Mild |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 5-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thymus | | Pigmentation | Cholesterol, Mild |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 389

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|-----------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lymph Node | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 2-21 | | | |
| Note: LYMPH MAL MIXD TGLs = 6-8-1 | | | |
| Ovary | | Cyst | Moderate |
| Note: CYST TGLs = 3-7 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Lymphoma Malignant Mixed | |
| | | Pigmentation | Minimal |
| [Lymphoma Malignant Mixed TGLS = 1-22] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA TGLs = 4-7 | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 390

TRT#: 10

SEX: Female

DAY ON TEST: 723

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|-----------------|
| Adrenal Gland | Medulla | Hyperplasia | Mild |
| Liver | Kupffer Cell | Hepatocellular Adenoma | Multiple, Three |
| | | Pigmentation | Moderate |
| [Pigmentation TGLS = 5-22,6-23,7-24] | | | |
| Ovary | | Mixed Tumor Benign | |
| [Mixed Tumor Benign TGLS = 4-7] | | | |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 1-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| Note: HEMA CELL PROL TGLs = 8-6 | | | |
| [Hematopoietic Cell Proliferation TGLS = 8-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Dilatation | Moderate |
| | | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 391

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Pituitary Gland

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Stomach | Forestomach | Squamous Cell Carcinoma | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392

TRT#: 10

SEX: Female

DAY ON TEST: 681

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Gallbladder

OBSERVATIONS

| | | | |
|---------------|---|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Mild |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLS = 2-2] | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLS = 1-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|-------------|---|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple, Two |
| | [Hepatocellular Adenoma TGLS = 5-23] | | |
| | [Hepatocellular Carcinoma TGLS = 1-21,4-22] | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| | Note: HEMA CELL PROL TGLs = 3-6 | | |
| | [Hematopoietic Cell Proliferation TGLS = 3-6] | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | Note: HYPERPLASIA TGLs = 2-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 394

TRT#: 10

SEX: Female

DAY ON TEST: 501

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------------------------|---------------|----------------------------------|------------------|
| Liver | Kupffer Cell | Pigmentation | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Skin | Subcut Tiss | Fibrosarcoma | |
| Note: FIBROSARC TGLs = 1-21 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 2-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|-----------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| | | Sarcoma Stromal | |

Note: SARC STROMAL TGLs = 3-7
[Dilatation TGLS = 1-7,2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 100MG/KG

DISP: Terminal Sacrifice

HISTO: A86040331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Liver | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Gallbladder Ovary

OBSERVATIONS

| | | | |
|-------------------------------|---------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 1-21] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA TGLs = 4-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Moderate |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 397

TRT#: 10

SEX: Female

DAY ON TEST: 347

DOSE: 100MG/KG

DISP: Accidentally Killed

HISTO: A85036075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|--------------|--|----------------------|
| Bone Note: FRACTURE TGLs = 5-21 | Rib | Fracture | Mild |
| Liver Lung Note: HEMORRHAGE TGLs = 4-2 | Kupffer Cell | Pigmentation Hemorrhage | Mild Mild |
| Spleen Note: PIGMENT TGLs = 2-6+6.1 [Hematopoietic Cell Proliferation TGLS = 2-6] | | Hematopoietic Cell Proliferation Pigmentation | Moderate Moderate |
| Uterus [Hyperplasia TGLS = 1-7] | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:15

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 398

TRT#: 10

SEX: Female

DAY ON TEST: 667

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Parathyroid Gland | Skin |
| Stomach - Forestomach | Stomach - Glandular | Trachea | Urinary Bladder |

MISSING

| | | |
|-------------|-------------------------|-----------------|
| Gallbladder | Lymph Node - Mandibular | Salivary Glands |
|-------------|-------------------------|-----------------|

OBSERVATIONS

| | | | |
|--|-------------|--------------------------------|------------------|
| Adrenal Gland | Cortex | Atrophy | Mild |
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Lymphoma Malignant Histiocytic | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST TGLs = 7-6 | | | |
| Lung | | Lymphoma Malignant Histiocytic | |
| Lymph Node | Iliac | Lymphoma Malignant Histiocytic | |
| | Inguinal | Lymphoma Malignant Histiocytic | |
| | Mediastinal | Lymphoma Malignant Histiocytic | |
| | Mesenteric | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST TGLs = 8-5-1 | | | |
| [Lymphoma Malignant Histiocytic TGLs = 1-21+8] | | | |
| [Lymphoma Malignant Histiocytic TGLs = 6-22] | | | |
| [Lymphoma Malignant Histiocytic TGLs = 9-2-1] | | | |
| Ovary | | Lymphoma Malignant Histiocytic | |
| Pancreas | | Lymphoma Malignant Histiocytic | |
| Pituitary Gland | | Lymphoma Malignant Histiocytic | |
| Spleen | | Histiocytic Sarcoma | |
| Note: [HISTIO SARC] TGLs = 5-6-1+6-2 | | | |
| Thymus | | Lymphoma Malignant Histiocytic | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398

TRT#: 10

SEX: Female

DAY ON TEST: 667

DOSE: 100MG/KG

DISP: Natural Death

HISTO: A86040332

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Lymphoma Malignant Histiocytic

Note: LYMPH MAL HIST TGLs = 4-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 399

TRT#: 10

SEX: Female

DAY ON TEST: 542

DOSE: 100MG/KG

DISP: Moribund Sacrifice

HISTO: A86040333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|-------------|---|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 5-22] | Pigmentation | Mild |
| | [Hepatocellular Carcinoma TGLS = 6-23+6] | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Ovary | | Cyst | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Moderate |
| | [Hematopoietic Cell Proliferation TGLS = 4-6] | | |
| | [Pigmentation TGLS = 4-6] | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 400 | TRT#: 10 | SEX: Female | DAY ON TEST: 730 |
| | DOSE: 100MG/KG | DISP: Terminal Sacrifice | HISTO: A86040334 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---------------|----------------------|----------------------------------|-----------------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Minimal |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Moderate |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Metaplasia | Osseous, Moderate |
| | | Pigmentation | Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 401

TRT#: 11

SEX: Female

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------------|
| Kidney | | Casts Protein | Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA | TGLs = 1-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 402

TRT#: 11

SEX: Female

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|-------------------|--------------|----------------------------------|-----------------------|
| Kidney | | Casts Protein | Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| | | | |
| | | | |
| | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | C Cell | Hyperplasia | Focal, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA | TGLs = 1-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 403

TRT#: 11

SEX: Female

DAY ON TEST: 275

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Trachea | Urinary Bladder | |

MISSING

Thymus

OBSERVATIONS

| | | | |
|---------------|--------------|----------------------------------|-----------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| | | | |
| | | | |
| | | | |
| | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 404

TRT#: 11

SEX: Female

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

| | |
|-------------------------|-----------------|
| Lymph Node - Mandibular | Salivary Glands |
|-------------------------|-----------------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------------|
| Kidney | | Casts Protein | Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA TGLs = 1-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 406

TRT#: 11

SEX: Female

DAY ON TEST: 273

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Trachea |
| Urinary Bladder | | | |

MISSING

Thymus

OBSERVATIONS

| | | | |
|------------------------------------|--------------|----------------------------------|-------------------------------|
| Kidney | | Casts Protein | Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Lung | | Infiltration Cellular | Histiocyte, Multifocal, Mild |
| | | Pigmentation | Hemosiderin, Multifocal, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT | TGLs = 2-6 | | |
| [Hematopoietic Cell Proliferation | TGLS = 2-6] | | |
| [Pigmentation | TGLS = 2-6] | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 407

TRT#: 11

SEX: Female

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-----------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Pancreas | Duct | Cyst | Marked |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT TGLs = 2-6 [Hematopoietic Cell Proliferation TGLS = 2-6] [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 408

TRT#: 11

SEX: Female

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|-----------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 3-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA TGLs = 2-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 409

TRT#: 11

SEX: Female

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Pituitary Gland

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-----------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT TGLs = 1-6 [Hematopoietic Cell Proliferation TGLS = 1-6] [Pigmentation TGLS = 1-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:15

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 410

TRT#: 11

SEX: Female

DAY ON TEST: 274

DOSE: 100MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Mammary Gland

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|-----------------------|
| Liver | | Mineralization | Focal, Mild |
| | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Ovary | | Cyst | Moderate |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT TGLs = 2-6 [Hematopoietic Cell Proliferation TGLS = 2-6] [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | C Cell | Hyperplasia | Focal, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 411

TRT#: 12

SEX: Female

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|-----------------------------|
| Kidney | | Casts Protein | Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT | TGLs = 2-6+6.1 | | |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 412

TRT#: 12

SEX: Female

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|---------------------------------|
| Kidney | | Casts Protein | Minimal |
| | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT | TGLs = 2-6+6.1 | | |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 413

TRT#: 12

SEX: Female

DAY ON TEST: 452

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|----------------|----------------------------------|----------------------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Minimal |
| Lung | | Infiltration Cellular | Histiocyte, Multifocal, Minimal |
| | | Pigmentation | Hemosiderin, Multifocal, Minimal |
| Nose | Nasolacrim Dct | Exudate | Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Mild |
| Note: HEMA CELL PROL TGLs = 2-6 Note: CONGESTION TGLs = 2-6 Note: PIGMENT TGLs = 2-6+6.1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Hydrometra | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 414

TRT#: 12

SEX: Female

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|---------------------------------|
| Liver | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT | TGLs = 2-6+6.1 | | |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 415

TRT#: 12

SEX: Female

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|--------------|----------------------------------|---------------------------------|
| Adrenal Gland | Cortex | Degeneration | Fatty, Focal, Minimal |
| | Cortex | Hypertrophy | Focal, Mild |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Lung | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| Spleen | | Congestion | Moderate |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT TGLs = 2-6+6.1 [Congestion TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 416

TRT#: 12

SEX: Female

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|--------------------------|
| Kidney | | Casts Protein | Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT | TGLs = 1-6+6.1 | | |
| [Congestion TGLS = 1-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 417

TRT#: 12

SEX: Female

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|-----------------------------------|-----------------------|
| Adrenal Gland | Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Liver | Kupffer Cell | Hepatocellular Adenoma | |
| | | Pigmentation | Hemosiderin, Mild |
| Note: HEPATOCLR ADEN TGLs = 4-21 | | | |
| Lung | Alveolar Epith | Hyperplasia | Focal, Moderate |
| Note: HYPERPLASIA TGLs = 5-2 | | | |
| Nose | Nasolacrim Dct | Inflammation | Subacute, Minimal |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: CONGESTION TGLs = 3-6 | | | |
| Note: PIGMENT TGLs = 3-6+6.1 | | | |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Hydrometra | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 418

TRT#: 12

SEX: Female

DAY ON TEST: 451

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|-------------------|
| Kidney | | Casts Protein | Minimal |
| Liver | | Hematopoietic Cell Proliferation | Minimal |
| | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Mild |
| Note: PIGMENT | TGLs = 1-6+6.1 | | |
| [Congestion TGLS = 1-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 419

TRT#: 12

SEX: Female

DAY ON TEST: 450

DOSE: 100MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|---------------------------------|
| Kidney | | Infiltration Cellular | Lymphocyte, Multifocal, Minimal |
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Moderate |
| Note: PIGMENT TGLs = 2-6+6.1 [Congestion TGLS = 2-6] [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 420

TRT#: 12

SEX: Female

DAY ON TEST: 8

DOSE: 100MG/KG 15 SSAC

DISP: Natural Death

HISTO: A85033591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Kidney
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Large - Rectum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Gallbladder
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Skin
Thymus
Uterus

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Colon

Intestine Small - Ileum

Intestine Small - Jejunum

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 421

TRT#: 16

SEX: Female

DAY ON TEST: 667

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Islets, Pancreatic | Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|-----------------|---|----------------------------------|-----------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Intestine Small | Jejunum | Adenocarcinoma | |
| | [Adenocarcinoma TGLS = 5-21] | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1] | Infiltration Cellular | Histiocyte, Moderate |
| | [Infiltration Cellular TGLS = 7-2] | | |
| Lymph Node | Mediastinal | Hyperplasia | Mild |
| | [Hyperplasia TGLS = 8-2] | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| | [Hematopoietic Cell Proliferation TGLS = 4-6] | | |
| | [Pigmentation TGLS = 4-6] | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Dilatation TGLS = 1-7] | | |
| | [Hyperplasia TGLS = 3-7] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 421

TRT#: 16

SEX: Female

DAY ON TEST: 667

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041272

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 422

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Pituitary Gland

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 1-21 [Eosinophilic Focus TGLS = 2-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 3-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 423

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---|------------------------|--|----------------------------|
| Intestine Small [Lymphoma Malignant Mixed TGLS = 5-23] | Jejunum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| Mesentery [Inflammation TGLS = 1-21] [Necrosis TGLS = 2-22] | Fat | Inflammation Necrosis | Subacute, Mild Moderate |
| Nose | | Foreign Body | Minimal |
| Ovary [Cyst TGLS = 3-7] [Hemorrhage TGLS = 3-7] | | Cyst Hemorrhage | Mild Mild |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Mild Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus [Hyperplasia TGLS = 4-7] | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 424

TRT#: 16

SEX: Female

DAY ON TEST: 560

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lymph Node | Iliac | Hyperplasia | Moderate |
| Note: HYPERPLASIA | TGLs = 5-23 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Uterus | | Sarcoma Stromal | |
| [Sarcoma Stromal TGLS = 3-22+7+7-1] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 425

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Thymus

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-----------------------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 5-22 | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| [Pigmentation TGLS = 4-6] | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 426

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|-----------------------------|
| Heart | | Inflammation | Subacute, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 427

TRT#: 16

SEX: Female

DAY ON TEST: 17

DOSE: 30 MG/KG

DISP: Accidentally Killed

HISTO: A85033593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|-------------------------|-------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

AUTO PRECLUDES DIAG.

| | | | |
|-------------------------|--------------------------|----------------------------|-------------------------|
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
|-------------------------|--------------------------|----------------------------|-------------------------|

OBSERVATIONS

| | | | |
|------------------|-------------|-------------|--------------|
| Lung | | Hemorrhage | Moderate |
| Note: HEMORRHAGE | TGLs = 2-2 | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 428

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Mammary Gland |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|------------------------------------|-------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 4-21 | | | |
| Lung | | Lymphoma Malignant Mixed | |
| Lymph Node | Iliac | Ectasia | Moderate |
| Note: ECTASIA TGLs = 5-22 | Mesenteric | Lymphoma Malignant Mixed | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Ovary | | Angiectasis | Mild |
| Pancreas | Acinus | Atrophy | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Note: HEMA CELL PROL TGLs = 3-6 | | Pigmentation | Mild |
| Thymus | | Lymphoma Malignant Mixed | |
| Uterus | | Dilatation | Marked |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 429 | TRT#: 16 | SEX: Female | DAY ON TEST: 725 |
| | DOSE: 30 MG/KG | DISP: Moribund Sacrifice | HISTO: A86041278 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|------------------|
| Adrenal Gland | Cortex | Hypertrophy | Focal, Mild |
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | | Hematopoietic Cell Proliferation | Mild |
| | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 4-21 | | | |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Lymphoma Malignant Histiocytic | |
| | | Pigmentation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Stomach | Forestomach | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST TGLs = 5-22 | | | |
| Uterus | Endometrium | Dilatation | Moderate |
| | | Hyperplasia | Cystic, Moderate |
| Note: DILATATION TGLs = 1-7 | | | |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 430

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|------------------|
| Harderian Gland | | Carcinoma | |
| Note: SUGGEST POSSIBILITY OF INFLAMMATION | | | |
| Note: UNUSUAL AND DIFFICULT LESION. LESION AND CELL FORMATION | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 3-21] | | | |
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 1-7] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| Note: HEMA CELL PROL TGLs = 4-6 | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 431

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 2-21 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Nose | | Foreign Body | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Dilatation TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 432 | TRT#: 16 | SEX: Female | DAY ON TEST: 716 |
| | DOSE: 30 MG/KG | DISP: Moribund Sacrifice | HISTO: A86041281 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Bone | Esophagus | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Mammary Gland | Nose | Parathyroid Gland |
| Pituitary Gland | Skin | Thyroid Gland | Trachea |

OBSERVATIONS

| | | | |
|----------------------|---|--------------------------------|------------------|
| Adrenal Gland | Cortex | Lymphoma Malignant Lymphocytic | |
| | Medulla | Lymphoma Malignant Lymphocytic | |
| Bone Marrow | | Lymphoma Malignant Lymphocytic | |
| Brain | | Lymphoma Malignant Lymphocytic | |
| Clitoral Gland | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 2-21 | | |
| Gallbladder | | Lymphoma Malignant Lymphocytic | |
| Harderian Gland | | Lymphoma Malignant Lymphocytic | |
| Heart | | Lymphoma Malignant Lymphocytic | |
| Kidney | | Lymphoma Malignant Lymphocytic | |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Cyst | Mild |
| | | Lymphoma Malignant Lymphocytic | |
| Note: NECROSIS | TGLs = 11-6 | | |
| Note: CYST | TGLs = 11-6 | | |
| Lung | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 12-2 | | |
| Lymph Node | Inguinal | Lymphoma Malignant Lymphocytic | |
| | Mandibular | Lymphoma Malignant Lymphocytic | |
| | Mesenteric | Lymphoma Malignant Lymphocytic | |
| | [Lymphoma Malignant Lymphocytic TGLS = 3-8-1] | | |
| | [Lymphoma Malignant Lymphocytic TGLS = 1-8] | | |
| Mesentery | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 9-22 | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 432

TRT#: 16

SEX: Female

DAY ON TEST: 716

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041281

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|--------------|----------------------------------|--------------|
| Ovary | | Cyst | Mild |
| Pancreas | | Lymphoma Malignant Lymphocytic | |
| | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 8-7 | | |
| Salivary Glands | | Lymphoma Malignant Lymphocytic | |
| Skeletal Muscle | | Lymphoma Malignant Lymphocytic | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Lymphoma Malignant Lymphocytic | |
| | | Pigmentation | Minimal |
| Note: HEMA CELL PROL | TGLs = 7-6 | | |
| [Hematopoietic Cell Proliferation TGLS = 7-6] | | | |
| Stomach | Forestomach | Lymphoma Malignant Lymphocytic | |
| | Glandular | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 10-4 | | |
| Thymus | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 13-23 | | |
| Urinary Bladder | | Lymphoma Malignant Lymphocytic | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| | | Lymphoma Malignant Lymphocytic | |
| Note: LYMPH MAL LYMP | TGLs = 6-7 | | |
| [Lymphoma Malignant Lymphocytic TGLS = 6-7] | | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-4 SMEAR OF ABDOMINAL FLUID IS MISSING

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 433

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pancreas | Acinus | Atrophy | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 434

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Adrenal Gland | Medulla | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 435

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Spleen

Nephropathy
Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Chronic, Minimal
Minimal
Mild
Cystic, Moderate

Uterus

Endometrium

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 436

TRT#: 16

SEX: Female

DAY ON TEST: 716

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

OBSERVATIONS

Bone Marrow
Liver

Hypercellularity
Hepatocellular Adenoma
Hepatocellular Carcinoma
Pigmentation

Minimal

Kupffer Cell

Note: HEPATOCLR CARC TGLs = 3-21

Lung
Spleen
Thyroid Gland
Uterus

Hepatocellular Carcinoma
Hematopoietic Cell Proliferation
Degeneration
Dilatation
Hyperplasia

Minimal
Metastatic (Liver)
Mild
Cystic, Minimal
Moderate
Cystic, Mild

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 437

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------|------------------------|----------------------------------|-----------------------------|
| Harderian Gland | | Adenoma | |
| Intestine Small | Jejunum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 5-22 | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | Multiple, Two |
| Note: HEPATOCLR ADEN | TGLs = 6-23,7-24 | | |
| Lymph Node | Pancreatic | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD | TGLs = 4-21 | | |
| Mesentery | | Lymphoma Malignant Mixed | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cystadenoma | |
| Note: CYSTADENOMA | TGLs = 1-7 | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA | TGLs = 8-1 | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL | TGLs = 3-6 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA | TGLs = 2-7 | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 437

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041286

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 438

TRT#: 16

SEX: Female

DAY ON TEST: 465

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Pituitary Gland

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 6-22 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | |
| | Mediastinum | Schwannoma Nos | |
| | | Schwannoma Nos | |
| Note: ALV BRON CARC TGLs = 7-2 | | | |
| Note: SCHWANNOMA NOS TGLs = 9-24 | | | |
| [Alveolar/Bronchiolar Carcinoma TGLs = 7-2] | | | |
| [Schwannoma Nos TGLs = 7-2] | | | |
| Pancreas | Duct | Dilatation | Marked |
| Note: DILATATION TGLs = 5-21 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| [Hematopoietic Cell Proliferation TGLs = 4-6] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 10-4 | | | |
| Thymus | | Schwannoma Nos | |
| Note: SCHWANNOMA NOS TGLs = 8-23 | | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 438

TRT#: 16

SEX: Female

DAY ON TEST: 465

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041287

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus
[Hyperplasia TGLS = 3-7]

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 439

TRT#: 16

SEX: Female

DAY ON TEST: 654

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Pituitary Gland
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Salivary Glands
Thyroid Gland

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone
 Note: HEMANGIOSARC TGLs = 10-9
Bone Marrow
 Note: HEMANGIOSARC TGLs = 10-9
Kidney
Ovary
 [Cyst TGLS = 4-7]
Skin
 [Hemangiosarcoma TGLS = 2-22]
Spleen
 [Hemangiosarcoma TGLS = 7-6]
 [Hematopoietic Cell Proliferation TGLS = 7-6]
Uterus
 [Hyperplasia TGLS = 5-7]

Subcut Tiss
Endometrium

Hemangiosarcoma
Hemangiosarcoma
Nephropathy
Cyst
Chronic, Minimal
Mild
Hemangiosarcoma
Hemangiosarcoma
Hematopoietic Cell Proliferation
Pigmentation
Mild
Hyperplasia
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 440

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 441

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|------------------|
| Intestine Small | Duodenum | Hyperplasia | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Angiectasis | Mild |
| | | Hepatocellular Adenoma | |
| Note: [ANGIECTASIS] TGLs = 4-22 | | | |
| Note: HEPATOCLR ADEN TGLs = 3-21 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2 | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA TGLs = 6-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 442

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|----------------------------|-------------------------|---------------------------|--------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Harderian Gland |
| Heart | Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum |
| Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | | |

MISSING

Urinary Bladder

OBSERVATIONS

| | | | |
|-----------------------------------|-------------|----------------------------------|------------------|
| Islets, Pancreatic | | Adenoma | |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 4-22 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILLOMA SQUA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: DILATATION TGLs = 2-7 | | | |
| [Dilatation TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 443

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|--|----------------------|----------------------------------|------------------|
| Intestine Small | Ileum, Lymphoid Tiss | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 2-21] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 3-22 | | | |
| Lymph Node | Mesenteric | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 1-5] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 444

TRT#: 16

SEX: Female

DAY ON TEST: 672

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|-------------------|---|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLS = 6-23] | | |
| | [Hepatocellular Carcinoma TGLS = 5-22] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| | [Hematopoietic Cell Proliferation TGLS = 4-6] | | |
| | [Pigmentation TGLS = 4-6] | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 7-4-1 | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLS = 3-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 445

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Brain | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|-----------------------------|
| Adrenal Gland | Cortex, X-Zone | Infiltration Cellular | Lipocyte, Moderate |
| Bone Marrow | | Hypercellularity | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 3-21 | | | |
| Mesentery | Fat | Necrosis | Mild |
| Note: NECROSIS TGLs = 4-22 | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA TGLs = 6-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Mild |
| | | Inflammation | Subacute, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 446

TRT#: 16

SEX: Female

DAY ON TEST: 11

DOSE: 30 MG/KG

DISP: Dosing Accident

HISTO: A85033594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|--------|-------------|----------------------------------|------------------------------|
| Lung | Mediastinum | Foreign Body | Moderate |
| | Mediastinum | Inflammation | Suppurative, Acute, Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 447

TRT#: 16

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|-------------------------|-----------------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Minimal |
| [Mixed Cell Focus TGLS = 2-21] | | | |
| [Pigmentation TGLS = 3-22] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA TGLs = 4-1 | | | |
| Spleen | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 448

TRT#: 16

SEX: Female

DAY ON TEST: 655

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| Note: TGL-4 IS INFARCTED MAKING DIAGNOSIS DIFFICULT Note: HEPATOCLR ADEN TGLs = 3-22 [Hepatocellular Adenoma TGLs = 4-23] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLs = 1-21] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 449

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--------------------------|--------------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | Kupffer Cell | Pigmentation | Minimal |
| Mesentery | Fat | Necrosis | Minimal |
| [Necrosis TGLS = 2-22] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 450

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|-----------------|
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 4-22 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 3-6] | | | |
| [Pigmentation TGLS = 3-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 6-23 | | | |
| Thyroid Gland | Follicle | Cyst | Mild |
| | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 451

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Kidney
Spleen

Nephropathy
Hematopoietic Cell Proliferation
Pigmentation
Hyperplasia

Chronic, Minimal
Minimal
Mild
Cystic, Marked

Uterus

Endometrium

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 452

TRT#: 16

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Ovary

OBSERVATIONS

| | | | |
|-------------------------------|-------------|----------------------------------|--------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 4-22 | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLS = 2-7,3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline

CAS Number: 100-01-6

Date Report Requested: 10/19/2014

Time Report Requested: 21:33:15

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 453

TRT#: 16

SEX: Female

DAY ON TEST: 692

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Nose
Pituitary Gland
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Ovary
Salivary Glands
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

OBSERVATIONS

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Mild

Stomach

Forestomach

Hyperplasia

Mild

Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454

TRT#: 16

SEX: Female

DAY ON TEST: 424

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A85036096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|----------------|
| Lung | | Hemorrhage | Mild |
| Note: HEMORRHAGE TGLs = 6-2 | | | |
| Nose | | Foreign Body | Mild |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 2-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Minimal |
| Note: PIGMENT TGLs = 4-6+6.1 | | | |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455

TRT#: 16

SEX: Female

DAY ON TEST: 448

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A85036097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Trachea | Urinary Bladder | |

MISSING

Lymph Node - Mesenteric

PRESENT BUT NOT EXAMINED

Thymus

OBSERVATIONS

| | | | |
|--|--------------|----------------------------------|--|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Cholangiocarcinoma | |
| | | Hepatocellular Carcinoma | |
| | Kupffer Cell | Pigmentation | Mild |
| Note: HEPATOCLR CARC TGLs = 6-23 [Hepatocellular Carcinoma TGLS = 6-23] | | | |
| Lung | | Cholangiocarcinoma | Metastatic (Liver), > Five (Liver), Multiple (Liver) |
| Note: CHOLANGIOCARC TGLs = 7-2 | | | |
| Mesentery | | Cholangiocarcinoma | Metastatic (Liver), > Five (Liver), Multiple (Liver) |
| Note: CHOLANGIOCARC TGLs = 5-22 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Mild |
| Stomach | Forestomach | Cholangiocarcinoma | Metastatic (Liver) |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Note: HYPERPLASIA TGLs = 3-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 456

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 4-23 | | | |
| Note: HEPATOCLR CARC TGLs = 2-21 | | | |
| [Hepatocellular Carcinoma TGLs = 3-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Mild |
| [Dilatation TGLs = 1-7] | | | |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 457

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 2-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 458

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--------|----------------|--------------|-------------------|
| Heart | | Inflammation | Subacute, Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | Alveolar Epith | Hyperplasia | Mild |
| Spleen | | Pigmentation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 459

TRT#: 16

SEX: Female

DAY ON TEST: 484

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Spinal Cord | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 460

TRT#: 16

SEX: Female

DAY ON TEST: 703

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------|----------------------------------|-------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Heart | | Mineralization | Minimal |
| Kidney | | Nephropathy | Chronic, Moderate |
| Note: NEPHROPATHY TGLs = 3-5,4-5 | | | |
| Liver | | Hepatocellular Adenoma | |
| | | Necrosis | Focal, Moderate |
| Note: TGL-5 AND 6 APPEAR INFARCTED MAKING DIAGNOSIS DIFFICULT | | | |
| Note: NECROSIS TGLs = 5-21+6 | | | |
| [Necrosis TGLs = 6-22] | | | |
| Lymph Node | Iliac | Hyperplasia | Mild |
| | Renal | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 8-24 | | | |
| Note: HYPERPLASIA TGLs = 7-23 | | | |
| Nose | Nasolacrim Dct | Dilatation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLs = 2-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 9-25 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 461

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|-------------------------------|---------------|----------------------------------|------------------|
| Harderian Gland | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 2-21 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA TGLs = 1-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 462

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--------------------|----------------|----------------------------------|------------------|
| Islets, Pancreatic | | Hyperplasia | Minimal |
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | Granulosa Cell | Adenoma | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 463

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|--------------------------|
| Harderian Gland | | Adenoma | |
| Mesentery | | Hemangiosarcoma | |
| Note: HEMANGIOSARCOMA ON SLIDE 5 | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 464

TRT#: 16

SEX: Female

DAY ON TEST: 723

DOSE: 30 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-----------------------------|
| Eye | | Cataract | Mild |
| [Cataract TGLS = 1-21] | | | |
| Harderian Gland | | Carcinoma | |
| Note: CARCINOMA TGLs = 5-22 | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Lung | | Pigmentation | Mild |
| Lymph Node | Mandibular | Hyperplasia | Mild |
| [Hyperplasia TGLS = 2-8] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 465

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 466

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 3-21 | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLs = 1-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| | | Inflammation | Subacute, Mild |
| [Hyperplasia TGLs = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 467

TRT#: 16

SEX: Female

DAY ON TEST: 720

DOSE: 30 MG/KG

DISP: Natural Death

HISTO: A86041313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Salivary Glands
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Liver
Ovary

Cortex, X-Zone

Infiltration Cellular
Hepatocellular Adenoma
Cyst
Hemangioma

Lipocyte, Minimal

[Cyst TGLS = 3-7]

[Hemangioma TGLS = 2-7-1]

Spleen

Hematopoietic Cell Proliferation
Pigmentation

Mild

Mild

Thyroid Gland

Follicular Cel

Adenoma

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 468

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| [Mixed Cell Focus TGLS = 4-22] | | | |
| Mesentery | Fat | Necrosis | Moderate |
| [Necrosis TGLS = 1-21] | | | |
| Nose | | Foreign Body | Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 2-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 469

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------|-------------|----------------------------------|------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 470

TRT#: 16

SEX: Female

DAY ON TEST: 735

DOSE: 30 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--------------------------------|---------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Cyst | Minimal |
| | | Mineralization | Mild |
| [Mineralization TGLS = 4-21] | | | |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 6-1 | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 471 | TRT#: 17 | SEX: Female | DAY ON TEST: 274 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035228 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|-------------------|
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 472

TRT#: 17

SEX: Female

DAY ON TEST: 273

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Lung

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Pigmentation

Hemosiderin, Multifocal, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Moderate

Note: PIGMENT TGLs = 1-6

Note: HEMA CELL PROL TGLs = 1-6

[Pigmentation TGLS = 1-6]

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 473

TRT#: 17

SEX: Female

DAY ON TEST: 274

DOSE: 30 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Lung

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Pigmentation

Hemosiderin, Multifocal, Minimal

Spleen

Congestion

Mild

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

Note: HEMA CELL PROL TGLs = 2-6

Note: CONGESTION TGLs = 2-6

Note: PIGMENT TGLs = 2-6

Thyroid Gland

Follicle

Degeneration

Cystic, Mild

Uterus

Hydrometra

Moderate

Endometrium

Hyperplasia

Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7

[Hydrometra TGLs = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 474 | TRT#: 17 | SEX: Female | DAY ON TEST: 273 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035231 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | |
|--------|----------------------------------|-------------------|
| Spleen | Congestion | Mild |
| | Hematopoietic Cell Proliferation | Mild |
| | Pigmentation | Hemosiderin, Mild |

Note: PIGMENT TGLs = 1-6
[Congestion TGLS = 1-6]
[Pigmentation TGLS = 1-6]

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 475 | TRT#: 17 | SEX: Female | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035232 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|-------------------|
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Note: PIGMENT TGLs = 2-6 [Hematopoietic Cell Proliferation TGLS = 2-6] [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 1-7 | | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 476 | TRT#: 17 | SEX: Female | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035233 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | |
|--------|----------------------------------|-------------------|
| Spleen | Congestion | Mild |
| | Hematopoietic Cell Proliferation | Moderate |
| | Pigmentation | Hemosiderin, Mild |

Note: PIGMENT TGLs = 1-6
[Hematopoietic Cell Proliferation TGLS = 1-6]
[Pigmentation TGLS = 1-6]

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 477 | TRT#: 17 | SEX: Female | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035234 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------|------|------|
| Liver | Lung | Skin |
|-------|------|------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-------------------|
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Mild |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6] | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| Note: HYPERPLASIA | TGLs = 3-7 | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 478 | TRT#: 17 | SEX: Female | DAY ON TEST: 275 |
| | DOSE: 30 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035235 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------|------|---------------|
| Liver | Lung | Thyroid Gland |
|-------|------|---------------|

OBSERVATIONS

| | | |
|---|----------------------------------|-----------------------|
| Spleen | Congestion | Mild |
| | Hematopoietic Cell Proliferation | Mild |
| | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | |
| [Pigmentation TGLS = 1-6] | | |

| | | | |
|--------|-------------|-------------|------------------|
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
|--------|-------------|-------------|------------------|

PRIMARY CAUSE OF DEATH -

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 479

TRT#: 17

SEX: Female

DAY ON TEST: 3

DOSE: 30 MG/KG 9 SSAC

DISP: Dosing Accident

HISTO: A85033595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

OBSERVATIONS

| | | | |
|--------------------------------------|---|--|--|
| Heart [Inflammation TGLS = 4-8] | Epicardium | Inflammation | Acute, Mild |
| Lung | Mediastinum Mediastinum | Foreign Body Inflammation | Moderate Suppurative, Acute, Moderate |
| Spleen [Congestion TGLS = 1-6] | | Congestion | Mild |
| Thymus | Mediastinum Mediastinum Mediastinum | Foreign Body Hemorrhage Inflammation | Moderate Moderate Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 481

TRT#: 18

SEX: Female

DAY ON TEST: 450

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

Liver

Hematopoietic Cell Proliferation

Minimal

Spleen

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

[Hematopoietic Cell Proliferation TGLS = 2-6]

[Pigmentation TGLS = 2-6+6.1]

Uterus

Endometrium

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 482 | TRT#: 18 | SEX: Female | DAY ON TEST: 450 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036099 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|------|------|
| Lung | Skin |
|------|------|

OBSERVATIONS

| | | | |
|--------|--------------|---|-------------------|
| Liver | Kupffer Cell | Pigmentation | Hemosiderin, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| | | [Hematopoietic Cell Proliferation TGLS = 2-6] | |
| | | [Pigmentation TGLS = 2-6+6.1] | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | | [Hyperplasia TGLS = 3-7] | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 483 | TRT#: 18 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036100 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-----------------------|
| Spleen | | Congestion | Minimal |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Moderate |
| [Congestion TGLS = 1-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 1-6] | | | |
| [Pigmentation TGLS = 1-6+6.1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA | TGLs = 2-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 484

TRT#: 18

SEX: Female

DAY ON TEST: 451

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036101

OBSERVATIONS

| | | | |
|-------------------|---|----------------------------------|-------------------|
| Liver | | Hematopoietic Cell Proliferation | Minimal |
| Lung | | Hemorrhage | Focal, Minimal |
| | [Hemorrhage TGLS = 3-2] | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | [Hematopoietic Cell Proliferation TGLS = 2-6] | Pigmentation | Hemosiderin, Mild |
| | [Pigmentation TGLS = 2-6+6.1] | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Note: HYPERPLASIA | TGLs = 1-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 485 | TRT#: 18 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036102 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | |
|-------|-----------------|
| Ovary | Cyst |
| | Teratoma Benign |

Note: CYST WALL HAS NERVOUS TISSUE RESEMBLING BRAIN

[Cyst TGLS = 1-7]

[Teratoma Benign TGLS = 1-7]

| | | |
|--------|----------------------------------|-------------------|
| Spleen | Congestion | Minimal |
| | Hematopoietic Cell Proliferation | Minimal |
| | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 486

TRT#: 18

SEX: Female

DAY ON TEST: 450

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Lung

OBSERVATIONS

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Minimal

Pigmentation

Hemosiderin, Mild

[Congestion TGLS = 1-6]

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6+6.1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 487 | TRT#: 18 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: 30 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036104 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|-------------------|
| Spleen | | Congestion | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Hemosiderin, Mild |
| [Congestion TGLS = 2-6] | | | |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| [Pigmentation TGLS = 2-6+6.1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 488

TRT#: 18

SEX: Female

DAY ON TEST: 451

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036105

OBSERVATIONS

| | | | |
|--------|---|--|---|
| Liver | | Hematopoietic Cell Proliferation Necrosis | Minimal Multifocal, Minimal |
| Lung | | Infiltration Cellular Pigmentation | Histiocyte, Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Spleen | | Congestion Hematopoietic Cell Proliferation Pigmentation | Minimal Minimal Hemosiderin, Minimal |
| | [Congestion TGLS = 2-6] | | |
| | [Hematopoietic Cell Proliferation TGLS = 2-6] | | |
| | [Pigmentation TGLS = 2-6+6.1] | | |
| Uterus | Endometrium | Hydrometra Hyperplasia | Moderate Cystic, Mild |
| | [Hydrometra TGLS = 1-7] | | |
| | [Hyperplasia TGLS = 1-7] | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 489

TRT#: 18

SEX: Female

DAY ON TEST: 450

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Lung

Infiltration Cellular

Lymphocyte, Multifocal, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Mild

Note: PIGMENT TGLs = 1-6+6.1

[Hematopoietic Cell Proliferation TGLS = 1-6]

[Pigmentation TGLS = 1-6]

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 490

TRT#: 18

SEX: Female

DAY ON TEST: 452

DOSE: 30 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Liver

Necrosis

Multifocal, Minimal

Lung

Infiltration Cellular

Lymphocyte, Multifocal, Minimal

Spleen

Congestion

Minimal

Hematopoietic Cell Proliferation

Mild

Pigmentation

Hemosiderin, Minimal

[Congestion TGLS = 3-6]

[Hematopoietic Cell Proliferation TGLS = 3-6]

[Pigmentation TGLS = 3-6+6.1]

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 491

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|------------------------|------------------|
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 2-21 | | | |
| Uterus | | Dilatation | Marked |
| | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 492

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hemangioma | |
| | | Hepatocellular Adenoma | Multiple, Three |
| Note: HEPATOCLR ADEN TGLs = 2-21+6,3-22 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Pigmentation | Minimal |
| Lymph Node | Mesenteric | Angiectasis | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Mild |
| Note: DILATATION TGLs = 1-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 493

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|------------------------------------|---------------|----------------------------------|------------------|
| Kidney | | Metaplasia | Osseous, Mild |
| | | Nephropathy | Chronic, Minimal |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 3-2 | | | |
| Mesentery | Fat | Necrosis | Mild |
| [Necrosis TGLS = 1-21] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 4-22 | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 494

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Ectopic Tissue | Mild |
| Note: ECTOPIC TISSUE IS AN ACCESSORY SPLEEN ATTACHED TO CAPSULE | | | |
| Note: ECT TISSUE TGLs = 3-21 | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 2-7 | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 495

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|-----------------|
| Lung | | Pigmentation | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 496

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node - Mandibular | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|-------------------------------|----------------------|--------------|------------------|
| Adrenal Gland | Cortex, Spindle Cell | Hyperplasia | Mild |
| Nose | | Foreign Body | Minimal |
| Spleen | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 2-21 | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 497

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|------------------------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 2-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Moderate |
| [Hyperplasia TGLS = 3-4-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 498

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------------------------|---------------|----------------------------------|-----------------------------|
| Liver | | Mixed Cell Focus | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Note: HEMA CELL PROL TGLs = 2-6 | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| | Glandular | Hyperplasia | Minimal |
| Note: HYPERPLASIA TGLs = 3-21 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 499

TRT#: 22

SEX: Female

DAY ON TEST: 735

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

OBSERVATIONS

| | | |
|--------|----------------------------------|--------------------------|
| Nose | Foreign Body | Mild |
| | Inflammation | Suppurative, Acute, Mild |
| Spleen | Hematopoietic Cell Proliferation | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 500

TRT#: 22

SEX: Female

DAY ON TEST: 735

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------|-------------|----------------------------------|----------------|
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 1-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 501

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 3-21 | | | |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 1-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 502

TRT#: 22

SEX: Female

DAY ON TEST: 735

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Spleen |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|------------------|
| Kidney | | Metaplasia | Osseous, Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 503 | TRT#: 22 | SEX: Female | DAY ON TEST: 735 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86041328 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Mild |
| Trachea | | Inflammation | Subacute, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 504

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|------------------|
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 3-2-1 | | | |
| Ovary | | Cyst | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: DILATATION TGLs = 1-7 | | | |
| [Dilatation TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 505 | TRT#: 22 | SEX: Female | DAY ON TEST: 730 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040084 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 2-21] | | | |
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 5-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Stomach | Forestomach | Hyperplasia | Minimal |
| [Hyperplasia TGLS = 6-4-1] | | | |
| Thyroid Gland | Follicle | Cyst | Minimal |
| | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 3-7] | | Polyp Stromal | |
| [Polyp Stromal TGLS = 4-7-1] | | | |

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 506

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|----------------|--|------------------|
| Liver | | Hepatocellular Adenoma Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 3-21 [Mixed Cell Focus TGLS = 4-22] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 5-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| | Follicular Cel | Hyperplasia | Mild |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 507

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 553
HISTO: A86041331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|--------------|
| Liver | | Hemangiosarcoma | |
| | | Hepatocellular Carcinoma | |
| [Hemangiosarcoma TGLS = 3-21,4-22,5-23,6-24,7-25] | | | |
| [Hepatocellular Carcinoma TGLS = 8-26] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 508

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 700
HISTO: A86041332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|--------------------|
| Harderian Gland | | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR ADEN TGLs = 5-21 | | | |
| Note: TGL-6 DIFFICULT LESION BECAUSE OF CONGESTION AND AUTOLYSIS | | | |
| Note: POSSIBLE HEMANGIOMA | | | |
| [Hepatocellular Adenoma TGLS = 6-22] | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Note: DIFFICULT TO DISTINGUISH METASTATIC LESIONS FROM | | | |
| Note: HARDERIAN GLAND EPITHELIUM | | | |
| Nose | | Foreign Body | Minimal |
| Spleen | | Hemangiosarcoma | |
| | | Hematopoietic Cell Proliferation | Moderate |
| Note: [HEMANGIOSARC] TGLs = 4-6 | | | |
| [Hematopoietic Cell Proliferation TGLS = 4-6] | | | |
| Uterus | | Dilatation | Minimal |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 3-7] | | | |
| [Hyperplasia TGLS = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 509

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|-------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|-----------------------------|
| Intestine Small | Jejunum | Adenocarcinoma | |
| Note: ADENOCARC TGLs = 2-21 | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Lung | Pleura | Fibrosis | Moderate |
| | Pleura | Foreign Body | Mild |
| | Pleura | Pigmentation | Cholesterol, Mild |
| Note: TGL-3 AND 4 ARE ADHEARED TOGETHER | | | |
| Note: FIBROSIS TGLs = 3-2,4-2 | | | |
| [Fibrosis TGLs = 3-2,4-2] | | | |
| [Foreign Body TGLs = 3-2,4-2] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| [Hyperplasia TGLs = 5-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLs = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 510

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 719
HISTO: A86041334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

MISSING

Lymph Node - Mandibular

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|--------------|
| Liver | | | |
| Note: TGL-1 PROBABLY OBLITERATED BY AUTOLYSIS | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLS = 2-2] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 3-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 511

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|----------------------------|---------------|----------------------------------|-----------------------------|
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Moderate |
| [Cyst TGLS = 2-7] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Polyp Stromal | |
| [Dilatation TGLS = 3-7] | | | |
| [Hyperplasia TGLS = 4-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 512

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|-----------------------------|----------------|----------------------------------|------------------|
| Pancreas | Acinus | Atrophy | Moderate |
| | Duct | Dilatation | Marked |
| [Dilatation TGLS = 3-7-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Thyroid Gland | Follicular Cel | Adenoma | |
| | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 2-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 513

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86040085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Kidney | | Nephropathy | Chronic, Minimal |
| Ovary | | Cyst | Mild |
| Note: CYST | TGLs = 2-7 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 1-21] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA | TGLs = 3-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 514 | TRT#: 22 | SEX: Female | DAY ON TEST: 730 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86041337 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|----------------------------|-------------|----------------------------------|----------------|
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Uterus | | Dilatation | Minimal |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 515

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 581
HISTO: A86041338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Skin | Subcut Tiss | Fibrosarcoma | |
| [Fibrosarcoma TGLS = 2-22] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 6-6] | | | |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 7-4-1 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 4-7] | | | |
| [Hyperplasia TGLS = 3-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 516

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86040086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Islets, Pancreatic | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|-----------------------------|
| Bone Marrow | | Hypercellularity | Mild |
| Harderian Gland | | Adenoma | |
| Intestine Small | Jejunum | Adenocarcinoma | |
| Note: ADENOCARC | TGLs = 5-21 | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| [Hepatocellular Carcinoma TGLS = 1-22] | | | |
| Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [Hematopoietic Cell Proliferation TGLS = 2-23] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 517

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Spleen

OBSERVATIONS

| | | | |
|----------------------------|-------------|--------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 518

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 667
HISTO: A86041340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|-------------------|
| Adrenal Gland | Cortex | Angiectasis | Mild |
| Kidney | | Nephropathy | Chronic, Moderate |
| Liver | | Hepatocellular Carcinoma | |
| Note: HEPATOCLR CARC TGLs = 4-21 | | | |
| Ovary | | Cyst | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA TGLs = 1-7 [Hyperplasia TGLs = 2-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 519

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 2-21] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| Thyroid Gland | Follicular Cel | Adenoma | |
| | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 520

TRT#: 22

SEX: Female

DAY ON TEST: 735

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Salivary Glands
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Stomach - Forestomach
Trachea

OBSERVATIONS

Adrenal Gland
Kidney
Nose
Ovary
Pituitary Gland
Spleen

Uterus

Cortex, X-Zone

Pars Distalis

Endometrium

Infiltration Cellular
Nephropathy
Foreign Body
Cyst
Hyperplasia
Hematopoietic Cell Proliferation
Pigmentation
Dilatation
Hyperplasia

Lipocyte, Mild
Chronic, Minimal
Minimal
Mild
Mild
Minimal
Minimal
Marked
Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 521

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|---------------|----------------------------------|--------------------------|
| Kidney | | Nephropathy | Chronic, Mild |
| Liver | | Hepatocholangiocarcinoma | |
| [Hepatocholangiocarcinoma TGLS = 3-21] | | | |
| Nose | | Foreign Body | Mild |
| | | Inflammation | Suppurative, Acute, Mild |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Note: ADENOMA | TGLs = 4-1-1 | | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA | TGLs = 5-4-1 | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Dilatation TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 522

TRT#: 22

SEX: Female

DAY ON TEST: 735

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lung
Ovary
Salivary Glands
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Pancreas
Skin
Trachea

Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Liver
Mammary Gland
Pituitary Gland
Thymus

OBSERVATIONS

Bone
[Osteosarcoma TGLS = 2-21]

Osteosarcoma

Nose
Spleen
Stomach
Uterus
[Hyperplasia TGLS = 1-7]

Forestomach
Endometrium

Inflammation
Hematopoietic Cell Proliferation
Hyperplasia
Hyperplasia

Suppurative, Acute, Minimal
Mild
Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 523

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Nose | | Foreign Body | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLS = 2-6] | | | |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 524

TRT#: 22

SEX: Female

DAY ON TEST: 653

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Mammary Gland | Parathyroid Gland | Pituitary Gland |
| Skin | Stomach - Forestomach | Stomach - Glandular | Thyroid Gland |
| Trachea | | | |

OBSERVATIONS

| | | | |
|----------------------|---|--------------------------------|------|
| Bone Marrow | | Hypercellularity | Mild |
| Gallbladder | | Lymphoma Malignant Histiocytic | |
| Kidney | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST | TGLs = 9-26 | | |
| Liver | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST | TGLs = 10-6,11-6 | | |
| Lung | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST | TGLs = 15-2 | | |
| Lymph Node | Axillary | Lymphoma Malignant Histiocytic | |
| | Bronchial | Lymphoma Malignant Histiocytic | |
| | Iliac | Lymphoma Malignant Histiocytic | |
| | Inguinal | Lymphoma Malignant Histiocytic | |
| | Mandibular | Lymphoma Malignant Histiocytic | |
| | Mediastinal | Lymphoma Malignant Histiocytic | |
| | Mesenteric | Lymphoma Malignant Histiocytic | |
| | Pancreatic | Lymphoma Malignant Histiocytic | |
| | Renal | Lymphoma Malignant Histiocytic | |
| | [Lymphoma Malignant Histiocytic TGLS = 12-27] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 13-28] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 8-25] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 5-23] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 4-22] | | |
| | [Lymphoma Malignant Histiocytic TGLS = 3-8] | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 524 | TRT#: 22 | SEX: Female | DAY ON TEST: 653 |
| | DOSE: 3 MG/KG | DISP: Moribund Sacrifice | HISTO: A86041346 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|-------------|----------------------------------|-----------------------------|
| [Lymphoma Malignant Histiocytic TGLs = 2-8] | | | |
| Mesentery | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST TGLs = 7-24 | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Lymphoma Malignant Histiocytic | |
| Pancreas | | Lymphoma Malignant Histiocytic | |
| Salivary Glands | | Lymphoma Malignant Histiocytic | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Lymphoma Malignant Mixed | |
| Note: [LYMPH MAL MIXD] TGLs = 6-6 | | | |
| Thymus | | Lymphoma Malignant Histiocytic | |
| Note: LYMPH MAL HIST TGLs = 14-29 | | | |
| Urinary Bladder | | Lymphoma Malignant Histiocytic | |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Lymphoma Malignant Histiocytic | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 525

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|----------------------------|--|--------------------------|
| Liver | | Hepatocellular Adenoma Mixed Cell Focus | |
| Note: HEPATOCLR ADEN TGLs = 3-21,4-22,5-23 | | | |
| Note: MIXED CL FOCUS TGLs = 6-24 | | | |
| Spleen | | Hematopoietic Cell Proliferation Pigmentation | Mild Mild |
| Stomach | Forestomach | Squamous Cell Papilloma | |
| Note: PAPILOMA SQUA TGLs = 8-4-1 | | | |
| Thyroid Gland | Follicular Cel Follicle | Adenoma Degeneration | Cystic, Minimal |
| Note: ADENOMA TGLs = 7-3 | | | |
| Uterus | Endometrium | Dilatation Hyperplasia | Moderate Cystic, Mild |
| [Dilatation TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 526

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node - Mandibular | Mammary Gland | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|----------------------------------|-------------|----------------------------------|--------------------------|
| Bone Marrow | | Hypercellularity | Minimal |
| Liver | | Lymphoma Malignant Mixed | |
| Note: LYMPH MAL MIXD TGLs = 4-21 | | | |
| Lymph Node | Mesenteric | Lymphoma Malignant Mixed | |
| Nose | | Inflammation | Suppurative, Acute, Mild |
| Ovary | | Cyst | Mild |
| [Cyst TGLS = 2-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Note: HEMA CELL PROL TGLs = 3-6 | | | |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Note: HYPERPLASIA TGLs = 6-4-1 | | | |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 527

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86041349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Liver | | Hepatocellular Adenoma | |
| Note: HEPATOCLR ADEN TGLs = 5-21+6 | | | |
| Ovary | | Cyst | Moderate |
| [Cyst TGLs = 2-7] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| [Hematopoietic Cell Proliferation TGLs = 4-6] | | | |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: DILATATION TGLs = 3-7+7-1 | | | |
| [Hyperplasia TGLs = 3-7+7-1] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 528

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86040087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Kidney |
| Liver | Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric |
| Mammary Gland | Ovary | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|---|-------------|---|--|
| Eye [Inflammation TGLS = 1-21] | Cornea | Inflammation | Subacute, Mild |
| Harderian Gland Note: ADENOMA TGLs = 5-22 | | Adenoma | |
| Nose | | Foreign Body Inflammation | Minimal Suppurative, Acute, Minimal |
| Pancreas Spleen Note: HEMA CELL PROL TGLs = 3-6 | Acinus | Hyperplasia Hematopoietic Cell Proliferation | Minimal Mild |
| Stomach Note: HYPERPLASIA TGLs = 6-4-1 | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus Note: HYPERPLASIA TGLs = 2-7 | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 529

TRT#: 22

SEX: Female

DAY ON TEST: 606

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|-------------------------|--------------------------|-------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Forestomach | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|---|-------------|----------------------------------|------------------|
| Intestine Small Note: POLYP ADENOMAT TGLs = 3-21 | Duodenum | Polyp Adenomatous | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver Note: VACUOLIZ CYTO TGLs = 4-6 | | Vacuolization Cytoplasmic | Mild |
| Pancreas | Acinus | Hyperplasia | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus Note: HYPERPLASIA TGLs = 2-7 | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:15
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|---------------------------------|-------------------------|
| ANIMAL ID: 530 | TRT#: 22 | SEX: Female | DAY ON TEST: 730 |
| | DOSE: 3 MG/KG | DISP: Terminal Sacrifice | HISTO: A86040088 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Mammary Gland | Ovary | Pancreas |
| Salivary Glands | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

| | |
|-------------------------|-------------------|
| Lymph Node - Mesenteric | Parathyroid Gland |
|-------------------------|-------------------|

OBSERVATIONS

| | | | |
|--------------------------|---------------|------------------|-----------------------------|
| Eye | | Cataract | Mild |
| [Cataract TGLS = 1-44] | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Clear Cell Focus | |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Thymus | | Cyst | Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 531

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A86040089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Mammary Gland | Nose | Ovary | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Glandular | Thymus |
| Trachea | Urinary Bladder | | |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|------------------|
| Blood Vessel | | Mineralization | Moderate |
| Note: MINERALIZATION TGLs = 4-5 | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| | Kupffer Cell | Lymphoma Malignant Mixed | |
| Note: HEPATOCLR ADEN TGLs = 5-21 | | Pigmentation | Mild |
| Lymph Node | Mandibular | Lymphoma Malignant Mixed | |
| | Mesenteric | Lymphoma Malignant Mixed | |
| [Lymphoma Malignant Mixed TGLS = 3-5] | | | |
| [Lymphoma Malignant Mixed TGLS = 1-22] | | | |
| Pancreas | Acinus | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Lymphoma Malignant Mixed | |
| [Pigmentation TGLS = 2-23] | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 532

TRT#: 22

SEX: Female

DAY ON TEST: 730

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Lung | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---|----------------------|----------------------------------|------------------|
| Adrenal Gland Note: ADENOMA TGLs = 3-21 | Cortex, Spindle Cell | Adenoma | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver Note: HEPATOCLR ADEN TGLs = 4-22,5-23,6-24 | | Hepatocellular Adenoma | Multiple, Three |
| Nose | | Foreign Body | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Mild |
| Stomach Note: HYPERPLASIA TGLs = 7-4-1 | Forestomach | Hyperplasia | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |

[Dilatation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 533

TRT#: 22

SEX: Female

DAY ON TEST: 732

DOSE: 3 MG/KG

DISP: Terminal Sacrifice

HISTO: A86041352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Ovary | Pancreas |
| Parathyroid Gland | Salivary Glands | Skin | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|---------------------------------------|---------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple, Two |
| Note: EOSINOPHILIC FOCUS ON SLIDE 22 | | | |
| Note: HEPATOCLR ADEN TGLs = 3-22,4-23 | | | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| Note: ALV BRON ADEN TGLs = 5-2 | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 534

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86041353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|---------------------------|--------------------------|----------------------------|-------------------------|
| Adrenal Gland - Cortex | Bone | Bone Marrow | Brain |
| Esophagus | Gallbladder | Heart | Intestine Large - Cecum |
| Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum |
| Intestine Small - Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach - Forestomach | Stomach - Glandular | Trachea |
| Urinary Bladder | | | |

MISSING

Thymus

OBSERVATIONS

| | | | |
|-----------------|---------------|----------------------------------|------------------|
| Adrenal Gland | Medulla | Pheochromocytoma Benign | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 535

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86041354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach - Glandular | Thymus | Trachea | Urinary Bladder |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|-----------------------------|
| Kidney | | Metaplasia | Osseous, Minimal |
| | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Adenoma | |
| [Hepatocellular Adenoma TGLS = 1-21] | | | |
| Nose | | Inflammation | Suppurative, Acute, Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [Adenoma TGLS = 2-1] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Mild |
| Note: HYPERPLASIA TGLs = 3-22 | | | |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 536

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86041355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lymph Node - Mandibular |
| Lymph Node - Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach - Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

OBSERVATIONS

| | | | |
|----------------------------------|----------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 2-21 | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Stomach | Forestomach | Hyperplasia | Moderate |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | | Dilatation | Mild |
| | Endometrium | Hyperplasia | Cystic, Marked |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 537

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: A86041356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|---------------|-------------|----------------------------------|------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Pancreas | Acinus | Atrophy | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Moderate |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|----------------------|----------------------------|-------------------------|
| ANIMAL ID: 538 | TRT#: 22 | SEX: Female | DAY ON TEST: 341 |
| | DOSE: 3 MG/KG | DISP: Natural Death | HISTO: A85036119 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------------------------|----------------------------|-------------------------|---------------------------|
| Adrenal Gland - Medulla | Bone | Bone Marrow | Esophagus |
| Gallbladder | Heart | Intestine Large - Cecum | Intestine Large - Colon |
| Intestine Large - Rectum | Intestine Small - Duodenum | Intestine Small - Ileum | Intestine Small - Jejunum |
| Islets, Pancreatic | Kidney | Liver | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Spleen | Stomach - Forestomach |
| Stomach - Glandular | Thyroid Gland | Trachea | Urinary Bladder |

MISSING

Thymus

OBSERVATIONS

| | | | |
|---------------------------------|-----------------|-----------------------------------|--------------|
| Adrenal Gland | Capsule, Cortex | Accessory Adrenal Cortical Nodule | Mild |
| Brain | | Glioma Malignant | |
| [Glioma Malignant TGLS = 1-1] | | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 539

TRT#: 22

SEX: Female

DAY ON TEST: 478

DOSE: 3 MG/KG

DISP: Moribund Sacrifice

HISTO: A86041357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Pituitary Gland |
| Salivary Glands | Skin | Spinal Cord | Stomach - Forestomach |
| Stomach - Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

MISSING

Parathyroid Gland

OBSERVATIONS

| | | | |
|--|-------------|----------------------------------|------------------|
| Intest Small | | | |
| Note: TGL-4 APPEARS TO BE A MASS OF BRUNNER'S GLANDS | | | |
| Kidney | | Nephropathy | Chronic, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Marked |
| | | Polyp Stromal | |

[Hyperplasia TGLS = 2-7,3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 540

TRT#: 22
DOSE: 3 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 735
HISTO: A86041358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------------------------|---------------------------|--------------------------|----------------------------|
| Adrenal Gland - Cortex | Adrenal Gland - Medulla | Bone | Bone Marrow |
| Brain | Esophagus | Gallbladder | Heart |
| Intestine Large - Cecum | Intestine Large - Colon | Intestine Large - Rectum | Intestine Small - Duodenum |
| Intestine Small - Ileum | Intestine Small - Jejunum | Islets, Pancreatic | Lung |
| Lymph Node - Mandibular | Lymph Node - Mesenteric | Mammary Gland | Parathyroid Gland |
| Salivary Glands | Skin | Stomach - Forestomach | Stomach - Glandular |
| Thymus | Trachea | Urinary Bladder | |

OBSERVATIONS

| | | | |
|--|---------------|----------------------------------|-----------------------------|
| Kidney | | Nephropathy | Chronic, Minimal |
| Liver | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| Note: MIXED CL FOCUS TGLs = 4-23 [Hepatocellular Carcinoma TGLS = 1-21] | | | |
| Nose | | Foreign Body | Minimal |
| | | Inflammation | Suppurative, Acute, Minimal |
| Ovary | | Cyst | Minimal |
| Pancreas | Acinus | Atrophy | Marked |
| | Duct | Dilatation | Marked |
| [Dilatation TGLS = 3-22] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Moderate |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 541 | TRT#: 23 | SEX: Female | DAY ON TEST: 274 |
| | DOSE: 3 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035247 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|------|
| Liver | Lung |
|-------|------|

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|----------------------|
| Spleen | | Pigmentation | Hemosiderin, Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 542

TRT#: 23

SEX: Female

DAY ON TEST: 274

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Lung

Spleen

OBSERVATIONS

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 544 | TRT#: 24 | SEX: Female | DAY ON TEST: 450 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036120 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Liver

Skin

OBSERVATIONS

Spleen

Congestion

Minimal

Note: CONGESTION TGLs = 5-6

Uterus

Endometrium

Hydrometra

Moderate

Hyperplasia

Cystic, Mild

Inflammation

Suppurative, Acute, Minimal

Note: HYPERPLASIA TGLs = 2-7

Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 545 | TRT#: 23 | SEX: Female | DAY ON TEST: 273 |
| | DOSE: 3 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035250 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------|------|--------|
| Liver | Lung | Spleen |
|-------|------|--------|

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 546

TRT#: 23

SEX: Female

DAY ON TEST: 273

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver Spleen

OBSERVATIONS

| | | | |
|---------------|-------------|---|--|
| Lung | | Infiltration Cellular Pigmentation Pigmentation | Histiocyte, Multifocal, Minimal Multifocal, Minimal Hemosiderin, Multifocal, Minimal |
| Thyroid Gland | Follicle | Degeneration | Cystic, Minimal |
| Uterus | Endometrium | Hyperplasia Hyperplasia | Cystic, Moderate Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 547

TRT#: 23

SEX: Female

DAY ON TEST: 275

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Skin

Spleen

OBSERVATIONS

Lung

Infiltration Cellular

Histiocyte, Multifocal, Minimal

Thyroid Gland

Follicle

Degeneration

Cystic, Minimal

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 548 | TRT#: 23 | SEX: Female | DAY ON TEST: 275 |
| | DOSE: 3 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035253 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------|------|--------|
| Liver | Lung | Spleen |
|-------|------|--------|

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 549 | TRT#: 23 | SEX: Female | DAY ON TEST: 273 |
| | DOSE: 3 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035254 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|--|-------------|-------------|---------------|
| NORMAL | | | |
| Liver | Lung | Spleen | Thyroid Gland |
| OBSERVATIONS | | | |
| Uterus Note: HYPERPLASIA TGLs = 1-7 | Endometrium | Hyperplasia | Cystic, Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 550

TRT#: 23

SEX: Female

DAY ON TEST: 274

DOSE: 3 MG/KG 9 SSAC

DISP: Scheduled Sacrifice

HISTO: A85035255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Lung

Spleen

Thyroid Gland

OBSERVATIONS

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 551

TRT#: 24

SEX: Female

DAY ON TEST: 450

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Spleen

OBSERVATIONS

Liver

Hepatocellular Adenoma

[Hepatocellular Adenoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 552 | TRT#: 24 | SEX: Female | DAY ON TEST: 451 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036122 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|-------|--------|
| Liver | Spleen |
|-------|--------|

OBSERVATIONS

| | | | |
|-------------------|-------------|-------------|------------------|
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| Note: HYPERPLASIA | TGLs = 1-7 | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 553

TRT#: 24

SEX: Female

DAY ON TEST: 451

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Spleen

OBSERVATIONS

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|-----------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 554 | TRT#: 23 | SEX: Female | DAY ON TEST: 274 |
| | DOSE: 3 MG/KG 9 SSAC | DISP: Scheduled Sacrifice | HISTO: A85035256 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|-------|------|--------|
| Liver | Lung | Spleen |
|-------|------|--------|

OBSERVATIONS

| | | | |
|---------------|-------------|--------------|------------------|
| Thyroid Gland | Follicle | Degeneration | Cystic, Mild |
| Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 555 | TRT#: 24 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036124 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

| | | | |
|---------------------------------|-------------|----------------------------------|------------------|
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Note: HEMA CELL PROL TGLs = 2-6 | | | |
| Uterus | | Hydrometra | Moderate |
| | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hydrometra TGLS = 1-7] | | | |
| [Hyperplasia TGLS = 1-7] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 556

TRT#: 24

SEX: Female

DAY ON TEST: 451

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Spleen

OBSERVATIONS

Uterus

Endometrium

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 557

TRT#: 24
DOSE: 3 MG/KG 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 450
HISTO: A85036126

OBSERVATIONS

Liver
Spleen
 Note: HEMA CELL PROL TGLs = 2-6
Uterus
 Note: HYPERPLASIA TGLs = 1-7

Endometrium

Hematopoietic Cell Proliferation
Hematopoietic Cell Proliferation
Hyperplasia

Minimal
Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 558

TRT#: 24

SEX: Female

DAY ON TEST: 452

DOSE: 3 MG/KG 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A85036127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Spleen

OBSERVATIONS

Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 559 | TRT#: 24 | SEX: Female | DAY ON TEST: 452 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036128 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|--------|-------|
| Kidney | Liver |
|--------|-------|

OBSERVATIONS

| | | | |
|------------------|------------|------------|---------|
| Pituitary Gland | | Congestion | Minimal |
| Note: CONGESTION | TGLs = 3-1 | | |
| Spleen | | Congestion | Minimal |
| Note: CONGESTION | TGLs = 1-6 | | |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05093-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: p-Nitroaniline
CAS Number: 100-01-6

Date Report Requested: 10/19/2014
Time Report Requested: 21:33:16
First Dose M/F: NA / NA
Lab: SRI

| | | | |
|-----------------------|------------------------------|----------------------------------|-------------------------|
| ANIMAL ID: 560 | TRT#: 24 | SEX: Female | DAY ON TEST: 451 |
| | DOSE: 3 MG/KG 15 SSAC | DISP: Scheduled Sacrifice | HISTO: A85036129 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

| | | | |
|----------------------|-------------|----------------------------------|--------------|
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| Note: HEMA CELL PROL | TGLs = 2-6 | | |
| Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Note: HYPERPLASIA | TGLs = 1-7 | | |

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****