

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

C Number:	C60388B
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	11/19/1990

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 708

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040847

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 - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Casts Protein	Marked
		Cyst	
		Hydronephrosis	Mild
		Hyperplasia	Lymphoid, Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC TGLs = 4-22,5-23			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hemorrhage	Mild
	Inguinal	Pigmentation	Moderate
Note: HEMA CELL PROL TGLs = 3-24			
Note: PIGMENT TGLs = 1-21			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 1	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 708 HISTO: A86040847
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ORGAN AND ACCOUNTABLE SITE STATUS	
Thymus	Cyst

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A86040848
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 711 HISTO: A86040849
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Liver	Lymph Node - Mandibular
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

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Mineralization	Minimal
Lung		Regeneration	Mild
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-5		Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 2-5			
Nose		Exudate	Minimal
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A86040850
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Basophilic Focus	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Diverticulum	Mild
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Capsule, Cortex	Hyperplasia	Moderate
	Cortex	Hyperplasia	Focal, Mild
Note: CAPSULAR HYPERPLASIA INVOLVES FOAMY "TYPE B" CELLS			
Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytomegaly	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
	Mesenteric	Hemorrhage	Minimal
Lymph Node		Cyst	
Parathyroid Gland		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Urinary Bladder			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A86040575
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	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
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland		
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Degeneration	Mild
	Myocardium	Inflammation	Chronic, Mild
	Myocardium	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Dilatation	Mild
		Glomerulosclerosis	Mild
		Mineralization	Minimal
Liver	Renal Tubule	Regeneration	Mild
		Angiectasis	Moderate
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
	Kupffer Cell	Hyperplasia	Marked
	Centrilobular	Necrosis	Moderate
Note: HEPATOCLR ADEN	TGLs = 4-23		
Note: ANGIECTASIS	TGLs = 2-21		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 6	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A86040575
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ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node	Mesenteric Mesenteric	Inflammation Hematopoietic Cell Proliferation Hemorrhage	Chronic, Minimal Moderate Moderate
Note: HEMORRHAGE TGLs = 5-5 Note: HEMA CELL PROL TGLs = 5-5			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 1-6			
Stomach	Forestomach Forestomach, Mucosa Forestomach	Diverticulum Hyperplasia Inflammation	Mild Minimal Chronic, Minimal
Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Metaplasia	Osseous, Moderate
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
Liver		Clear Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node	Mesenteric	Hemorrhage	Moderate
Preputial Gland		Ectasia	Marked

Note: ECTASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Nose	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Pancreas		Hyperplasia	Lymphoid, Minimal
Parathyroid Gland		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 711

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Hydronephrosis	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Lobules	Necrosis	Mild
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 2-5			
Preputial Gland		Ectasia	Marked
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-8			
Stomach	Glandular	Cyst	
Note: THE CYST IS IN THE SUBMUCOSA			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland		Ectasia	Marked
Note: ECTASIA			
TGLs = 1-8			
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex	Hyperplasia Hyperplasia	Mild Focal, Minimal
Note: HYPERPLASIA INVOLVES TYPE A & TYPE B CELLS			
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
Lung	Alveolar Epith	Regeneration	Moderate
		Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-8			
Salivary Glands		Inflammation	Chronic, Moderate
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION TGLs = 4-7			
Skin		Acanthosis	Moderate
		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
Note: ACANTHOSIS TGLs = 1-22			
Note: INFLAMMATION TGLs = 1-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 11	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: A86040856
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 1-22

Thymus	Cyst	
Thyroid Gland	Degeneration	Cystic, Mild
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040576

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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-22			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Skin		Acanthosis	Minimal
Note: ACANTHOSIS IS PRESENT ON SLIDE 8			
Spleen	Red Pulp	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-6			
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Moderate
Coagulating Gland		Dilatation	Moderate
Note: DILATATION TGLs = 4-7			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: CLEAR CL FOCUS ALSO PRESENT ON SLIDE 6			
Note: CLEAR CL FOCUS TGLs = 2-21			
Lymph Node	Mesenteric	Hemorrhage	Mild
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION TGLs = 1-7			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 479

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hydronephrosis	Marked
		Hyperplasia	Lymphoid, Moderate
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Note: HYDRONEPHROSIS TGLs = 2-21,3-5			
Spleen	Lymph Follic	Hyperplasia	Moderate
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Dilatation	Marked
Note: DILATATION TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 710

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic Active, Moderate
	Cornea	Mineralization	Moderate
Note: MINERALIZATION TGLs = 1-23			
Note: HYPERPLASIA TGLs = 1-23			
Note: INFLAMMATION TGLs = 1-23			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 8-24			
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Cyst	
	Pelvis, Transit Epithe	Hyperplasia	Moderate
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 3-8			
Seminal Vesicle		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 710

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040859

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DILATATION TGLs = 4-7

Stomach

Forestomach

Cyst

Forestomach

Squamous Cell Papilloma

Thymus

Cyst

Tooth

Dysplasia

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS PRESENT ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Parathyroid Gland
Pituitary Gland	Prostate	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
Note: HEPATOCLR CARC	TGLs = 3-22		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Hemangioma	
Note: HEMANGIOMA	TGLs = 2-21		
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Pancreas		Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-8		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Seminal Vesicle		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040860

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Forestomach

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain		Inflammation	Chronic, Minimal
	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Mineralization	Minimal
		Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Hepatocellular Adenoma	Multiple
		Vacuolization Cytoplasmic	Mild
Note: HEPATOCLR ADEN	TGLs = 2-21,3-22		
Preputial Gland		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 1-8		
Note: INFLAMMATION	TGLs = 1-8		
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 4-4		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:39
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040861

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A84040862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
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
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 1-21			
Lymph Node	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 2-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:39

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-21,2-22			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 3-6			
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Seminal Vesicle
Stomach - Glandular
Trachea

Bone
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Skin
Testes
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Spleen
Thymus

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Brain
Epididymis
Kidney

Cortex
Thalamus

Renal Tubule

Liver
Nose

Note: PROTIENACEOUS SECRETION IN NASAL CAVITY

Salivary Glands
Tooth

Accessory Adrenal Cortical Nodule
Mineralization
Inflammation
Hyperplasia
Mineralization
Regeneration
Hepatocellular Adenoma
Exudate

Hyperplasia
Dysplasia

Minimal
Chronic, Mild
Lymphoid, Minimal
Mild
Mild
Lymphoid, Minimal
Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040577

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	Liver	Lung	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hemangiosarcoma	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Moderate
Note: HEMA CELL PROL	TGLs = 2-5		
Note: HEMORRHAGE	TGLs = 2-5		
Nose		Exudate	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
Note: HEMANGIOSARC	TGLs = 1-21		
Thymus		Cyst	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Eye	Cornea	Hyperplasia	Moderate
	Cornea	Inflammation	Chronic Active, Moderate
Note: HYPERPLASIA TGLs = 2-22			
Note: INFLAMMATION TGLs = 2-22			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 4-9			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Moderate
Note: MANY OF THE HISIOCYTIC CELLS CONTAIN BROWNISH PIGMENT			
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 5-8			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Skin		Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040865

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ACANTHOSIS TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		
Spleen		Congestion	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

DOSE: 0.0%

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 647

HISTO: A86040866

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	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

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Casts Protein	Moderate
		Cyst	
		Glomerulosclerosis	Mild
		Hyperplasia	Lymphoid, Moderate
	Renal Tubule	Regeneration	Marked
Note: GLMSCLEROSIS	TGLs = 1-5		
Note: CASTS PROTEIN	TGLs = 1-5		
Note: REGENERATION	TGLs = 1-5		
Liver		Hepatocellular Carcinoma	
Note: METASTATIC HEPT CARC IN LUNG IS DE-DIFFERENTIATED			
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: HEPATOCLR CARC	TGLs = 4-2-1		
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Hyperplasia	Histiocytic, Mild
Note: HEMORRHAGE	TGLs = 3-5		
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 647

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040866

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0.0%

DISP: Natural Death

HISTO: A86040867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Seminal Vesicle	Spleen	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 3-5			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 1-8-1		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Skin		Inflammation	Suppurative, Mild
Stomach	Forestomach	Diverticulum	Moderate
Note: EROSION TGLs = 1-4-1	Glandular	Erosion	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: 0.0%

DISP: Natural Death

HISTO: A86040867

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenoma	
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Tooth		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Coagulating Gland		Dilatation	Moderate
Note: DILATATION TGLs = 2-7-1			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 6-22,7-23,8-25			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-21			
Pancreas		Lymphoma Malignant Mixed	
Seminal Vesicle		Dilatation	Marked
Note: DILATATION TGLs = 1-7			
Skin		Squamous Cell Papilloma	
Note: THE SQUAMOUS PAPILOMA IS ON SLIDE 9			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 27

TRT#: 1

DOSE: 0.0%

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: A86040579

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant Mixed

Note: HEMA CELL PROL TGLs = 3-24

Note: LYMPH MAL MIXD TGLs = 3-24,4-24

Thymus

Cyst

Tooth

Dysplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040869

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
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Seminal Vesicle	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Bone Marrow		Hemangiosarcoma	
Brain	Thalamus	Mineralization	Moderate
Kidney	Renal Tubule	Cyst	
		Dilatation	Mild
		Hydronephrosis	Mild
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Lobules	Hemangiosarcoma	
		Necrosis	Mild
Note: HEMANGIOSARC	TGLs = 5-23		
Lymph Node	Mesenteric	Hemorrhage	Mild
Prostate		Inflammation	Suppurative, Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC	TGLs = 3-22		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Cyst	
Urinary Bladder		Dilatation	Moderate
Note: DILATATION	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Moderate
		Metaplasia	Osseous, Minimal
	Renal Tubule	Regeneration	Moderate
Liver		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-21			
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 3-2			
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-7-1			
Testes	Seminif Tub	Atrophy	Moderate
		Hypospermia	Moderate
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: A86040870

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	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	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 31	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: A86040871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Thyroid Gland		Inflammation	Suppurative, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Hyperplasia	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild

Note: ECTASIA TGLs = 1-21,2-22

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Trachea	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Inflammation	Suppurative, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN TGLs = 1-2			
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Mild
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 2-4-1			
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
Note: ALV BRON CARC	TGLs = 4-2,4-2-1		
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 2-21		
Pancreas		Atrophy	Minimal
		Focal Cellular Change	
Preputial Gland		Ectasia	Moderate
		Inflammation	Suppurative, Marked
		Inflammation	Chronic, Marked
Note: INFLAMMATION	TGLs = 1-8-1		
Note: INFLAMMATION	TGLs = 1-8-1		
Note: ECTASIA	TGLs = 1-8-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 34	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 652 HISTO: A86040874
ORGAN AND ACCOUNTABLE SITE STATUS			
Spleen Note: ATROPHY TGLs = 3-6	Red Pulp	Atrophy	Moderate
Testes	Seminif Tub	Atrophy Hypospermia	Mild Mild
Thyroid Gland		Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
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	Adenoma	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Lymph Node	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8-1		
Spleen	Red Pulp	Hyperplasia	Moderate
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Islets, Pancreatic		Adenoma	
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040877

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
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 2-21			
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-8			
Note: INFLAMMATION TGLs = 1-8			
Note: ECTASIA TGLs = 1-8			
Stomach	Glandular	Cyst	
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pituitary Gland
Skin
Testes
Urinary Bladder

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Prostate
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Liver
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland
Brain
Kidney

Nose

Cortex
Thalamus

Renal Tubule

Hyperplasia
Mineralization
Mineralization
Regeneration
Exudate

Focal, Minimal
Minimal
Mild
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Testes	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Lymph Node - Mandibular	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Capsule, Cortex	Hyperplasia	Mild
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-5		
Preputial Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-8		
Note: INFLAMMATION	TGLs = 1-8		
Stomach	Glandular	Cyst	
	Forestomach	Diverticulum	Moderate
Thymus		Cyst	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Lymphoma Malignant Mixed	
Bone Marrow		Hypercellularity	Moderate
		Lymphoma Malignant Mixed	
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Dilatation	Moderate
Intestine Large	Cecum	Lymphoma Malignant Mixed	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-2		
Note: LYMPH MAL MIXD	TGLs = 5-5		
Pancreas		Lymphoma Malignant Mixed	
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 722
	DOSE: 0.0%	DISP: Moribund Sacrifice	HISTO: A86040880

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-6		
Stomach	Forestomach	Erosion	Mild
	Forestomach, Mucosa	Hyperplasia	Mild
Thyroid Gland		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Cyst	
		Hydronephrosis	Mild
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Note: HEPATOCLR ADEN TGLs = 4-22			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 3-21			
Nose	Glands	Dilatation	Minimal
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Seminal Vesicle		Dilatation	Marked
Note: DILATATION TGLs = 2-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040881

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Dilatation

Marked

Note: DILATATION TGLs = 6-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	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	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Inflammation	Chronic, Minimal
		Thrombosis	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
	Kupffer Cell	Hyperplasia	Mild
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 1-21,2-22			
Lung		Congestion	Mild
Pancreas		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: HEPATOCLR ADEN TGLs = 1-21,3-22,4-23			
Lung		Alveolar/Bronchiolar Adenoma	
Spleen	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-6			
Thyroid Gland	Follicular Cel	Adenoma	
		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Small - Ileum
Pituitary Gland

Adrenal Gland - Medulla
Intestine Large - Colon
Islets, Pancreatic
Salivary Glands

Bone
Intestine Large - Rectum
Nose
Thyroid Gland

Esophagus
Intestine Small - Duodenum
Parathyroid Gland
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
Brain	Thalamus	Mineralization	Mild
Epididymis		Lymphoma Malignant Undifferentiated Cell Type	
Heart	Myocardium	Mineralization	Mild
Intestine Large	Cecum	Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Casts Protein	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
		Mineralization	Minimal
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Axillary	Lymphoma Malignant Undifferentiated Cell Type	
	Iliac	Lymphoma Malignant Undifferentiated Cell Type	
	Inguinal	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Note: MESENTERIC LYMPH NODE IS ON SLIDE 24			
Mesentery		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPHOMA INVOLVES MESENTERY ON SEVERAL OTHER SLIDES			
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Prostate		Lymphoma Malignant Undifferentiated Cell Type	
Seminal Vesicle		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 44	TRT#: 1 DOSE: 0.0%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 703 HISTO: A86040090
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ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: EDEMA TGLs = 1-8	Subcut Tiss	Edema	Moderate
Spleen	Forestomach, Mucosa	Hematopoietic Cell Proliferation	Mild
Stomach Note: HYPERPLASIA TGLs = 14-4-1	Glandular	Hyperplasia Lymphoma Malignant Undifferentiated Cell Type	Mild
Testes	Seminif Tub	Atrophy	Mild
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Tissue NOS Note: TISSUE NOS IS ABDOMINAL FLUID		Lymphoma Malignant Undifferentiated Cell Type	
Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040583

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	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 4-23		
Note: CLEAR CL FOCUS	TGLs = 5-24		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 7-2		
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 6-5		
Note: HEMORRHAGE	TGLs = 8-7-1		
Nose	Glands	Dilatation	Minimal
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 3-8-1		
Skin		Acanthosis	Minimal
Note: ACANTHOSIS	TGLs = 2-22		
Stomach	Glandular	Cyst	
Thyroid Gland	Follicular Cel	Degeneration	Cystic, Minimal
		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0.0%	DISP: Terminal Sacrifice	HISTO: A86040583

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	Multiple, Two
Note: ADENOMA TGLs = 2-9			
Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA IS ON SLIDE 5			
Kidney	Renal Tubule	Hyperplasia	Lymphoid, Minimal
		Regeneration	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: OPEN SPACE WITHIN PITUITARY; CONSIDERED ARTIFACT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 1

DOSE: 0.0%

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 709

HISTO: A86040883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Epididymis		Atypia Cellular	
Harderian Gland		Adenoma	
Heart	Myocardium	Degeneration	Mild
Note: DEGEN CONSISTS OF FOCI OF INCREASED BASOPHILIA			
Note: SOME FOCI ARE MILDLY HYPERCELLULAR			
Kidney		Casts Protein	Marked
		Cyst	
	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Marked
[Cyst TGLS = 3-5]			
[Dilatation TGLS = 3-5]			
[Hydronephrosis TGLS = 3-5]			
[Inflammation TGLS = 3-5]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 709
	DOSE: 0.0%	DISP: Moribund Sacrifice	HISTO: A86040883

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild

Note: THE MESENTERIC NODE IS ON SLIDE 7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040884

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	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex	Adenoma Hyperplasia	Focal, Mild
Intestine Small	Jejunum	Lymphoma Malignant Lymphocytic	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
Liver		Regeneration	Mild
Note: CLEAR CL FOCUS TGLs = 1-21		Clear Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
Lymph Node	Mesenteric	Lymphoma Malignant Lymphocytic	
Salivary Glands		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Eye		Cataract	Moderate
Note: CATARACT	TGLs = 1-21		
Harderian Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-22		
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 2-8-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland	Trachea

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 51

TRT#: 2

SEX: Male

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Mesenteric	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

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

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Inflammation	Chronic, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-22			
Lymph Node	Mandibular	Hemorrhage	Mild
Nose	Glands	Dilatation	Minimal
Pancreas		Inflammation	Chronic, Minimal
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 52

TRT#: 2

SEX: Male

DAY ON TEST: 457

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036506

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 - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Renal Tubule

Regeneration

Minimal

Lung

Hemorrhage

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1 WAS SEMINAL VESICLE; NO LESION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 53	TRT#: 2	SEX: Male	DAY ON TEST: 456
	DOSE: 0.0% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 54

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Mesentery	Fat	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 2-21			
Parathyroid Gland		Cyst	
Preputial Gland		Atrophy	Moderate
		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-8			
Note: ECTASIA TGLs = 1-8			
Note: ATROPHY TGLs = 1-8			
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 55

TRT#: 2

SEX: Male

DAY ON TEST: 457

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 3-5			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Parathyroid Gland		Cyst	
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-8			
Note: INFLAMMATION TGLs = 1-8			
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 56

TRT#: 2

SEX: Male

DAY ON TEST: 457

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	
Preputial Gland		Atrophy	Marked
		Ectasia	Moderate

Note: ATROPHY TGLs = 1-8-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 2

SEX: Male

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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, Subcapsular	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 2

SEX: Male

DAY ON TEST: 457

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Prostate
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Skin
Testes

MISSING

Gallbladder

Mammary Gland

Pituitary Gland

OBSERVATIONS

Kidney

Cyst

Renal Tubule

Regeneration

Minimal

Liver

Hepatocellular Adenoma

Note: HEPATOCLR ADEN TGLs = 1-21

Nose

Glands

Dilatation

Minimal

Thyroid Gland

Follicle

Dilatation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 59

TRT#: 2

SEX: Male

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Inflammation	Chronic, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 60

TRT#: 2

SEX: Male

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Infiltration Cellular	Mononuclear CI, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN	TGLs = 2-21		
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Olfactory Epi	Cyst	
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8		
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 61

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040886

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild
Note: HEMORRHAGE & NECROSIS OCCUR IN SAME AREAS			
Lung		Infiltration Cellular	Megakaryocyte, Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: HYPERPLASIA TGLs = 1-21			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: OLFACT EPITH TRANSFORMED TO RESEMBLE RESP EPITHELIUM			
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 62

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040887

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant Undifferentiated Cell Type

Note: HEMA CELL PROL TGLs = 3-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 63

TRT#: 5

SEX: Male

DAY ON TEST: 708

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Gallbladder	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Brain	Thalamus	Mineralization	Mild
		Pigmentation	Mild
Intestine Large	Cecum	Edema	Mild
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 5-22			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 6-6			
Note: LYMPHOMA ALSO PRESENT ON SLIDE 23			
Note: HEPATOCLR ADEN TGLs = 7-23			
Lung		Hemorrhage	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mediastinal, Mesenteric, Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 8-2,3-7,4-21			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: o-Nitroanisole
 CAS Number: 91-23-6

Date Report Requested: 10/23/2014
 Time Report Requested: 06:23:40
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 63	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 708 HISTO: A86040888
ORGAN AND ACCOUNTABLE SITE STATUS			
Nose	Olfactory Epi Glands	Cyst Dilatation Exudate	Moderate
	Glands Olfactory Epi	Hyperplasia Metaplasia	Mild Mild
Note: EXUDATE OCCURS MAINLY IN DILATED, HYPERPLASTIC GLANDS			
Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
Seminal Vesicle		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Undifferentiated Cell Type	Moderate
Note: HEMA CELL PROL TGLs = 2-6 Note: [LYMPH MAL UNDF] TGLs = 2-6			
Stomach	Glandular Forestomach, Mucosa	Cyst Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 9-24			
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Thyroid Gland		Degeneration	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 64

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
Note: HEPATOBLASTOMA TGLs = 1-21			
Lung		Hemorrhage	Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Note: PORTIONS OF OLFACT EPI TRANSFORMED TO RESEMBLE RESP EPITH			
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 5

SEX: Male

DAY ON TEST: 709

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Pancreas	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	Hyperplasia	Focal, Moderate
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 5-23			
Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Moderate
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOBLASTOMA TGLs = 3-22			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 4-5			
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 65	TRT#: 5	SEX: Male	DAY ON TEST: 709
	DOSE: 0.600%	DISP: Moribund Sacrifice	HISTO: A86040890

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Cyst	
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Pancreas
Seminal Vesicle
Testes

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pituitary Gland
Skin
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Prostate
Spleen
Trachea

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Salivary Glands
Stomach - Forestomach
Urinary Bladder

MISSING

Mammary Gland

Thymus

OBSERVATIONS

Adrenal Gland
Brain
Kidney

Liver

Cortex
Thalamus

Renal Tubule
Hepatocyte

Lobules
Kupffer Cell

Hyperplasia
Mineralization
Mineralization
Regeneration
Cytologic Alterations
Eosinophilic Focus
Hemorrhage
Hepatoblastoma
Hepatocellular Adenoma
Necrosis
Pigmentation

Focal, Minimal
Moderate
Minimal
Minimal
Moderate
Moderate
Multiple
Mild
Mild

Note: HEPATOBLASTOMA TGLs = 2-22

Note: HEMORRH OCCURS AS SMALL BLOOD LAKES IN PARENCHYMA

Lymph Node
Nose

Mesenteric
Olfactory Epi
Glands

Glands
Olfactory Epi

Hyperplasia
Cyst
Dilatation
Exudate
Hyperplasia
Metaplasia
Infiltration Cellular

Lymphoid, Moderate

Moderate

Moderate
Mild
Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040891

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum	Mammary Gland	Spleen
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
Lung		Alveolar/Bronchiolar Adenoma	
	Bronchiole, Epithelium	Proliferation	Minimal
Note: THERE IS PROLIFERATION OF EPITHELIUM RESEMBLING BRONCHIOLAR			
Note: EPITH ADJACENT TO BRONCHIOLES & SURROUNDING PARENCHYMA			
Nose	Olfactory Epi Glands	Cyst Dilatation	Moderate
	Glands	Exudate	
	Olfactory Epi	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Metaplasia	Moderate
Skin		Cyst	
		Acanthosis	Minimal
Note: ACANTHOSIS TGLs = 1-21			
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040892

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
Brain		Pigmentation	Mild
Note: FISSURE OF THE ANTERIOR CEREBRUM			
Note: PIGMENT IS BROWN & SURROUNDS BLOOD VESSELS IN MEDIAN			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Mild
	Lobules	Necrosis	Minimal
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Note: DILATED SUBMUCOSAL GLANDS CONTAIN CELLULAR DETRITUS &			
Note: STRUCTURES RESEMBLING CHOLESTEROL CLEFTS			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 68

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040893

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Moderate
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN	TGLs = 1-21,2-22,3-23		
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-5		
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 69

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040894

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 70

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Minimal
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Olfactory Epi	Cyst	
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

Note: DILATED GLANDS CONTAIN CELLULAR DETRITUS & CHOLESTEROL

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Marked
		Hemorrhage	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild

Note: HEPATOBLASTOMA TGLs = 1-21

Note: HEPATOCLR CARC TGLs = 2-22

Note: CYTOPLASM IS PALE AND OFTEN VACUOLATED

Note: ALTERED HEPATOCYTES ARE MAINLY IN CEN. LOB. & MIDZON. AREAS

Note: ALTERED CELLS ARE ENLARGED WITH ENLARGED NUCLEI

Note: SOME ENLARGED HEPTOCELLULAR NUCLEI ARE HYPERCHROMATIC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 71	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: A86040896
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: WELL CIRCUMSCRIBED BLOOD LAKES ARE AMONG ALTERED CELLS

Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Note: HEMA CELL PROL TGLs = 3-5			
Note: HEMORRHAGE TGLs = 3-5			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 72

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
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	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 1-21			
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 73

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Diffuse, Mild
	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Parathyroid Gland		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 74

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland	Spleen
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Moderate
	Lobules	Necrosis	Minimal
Note: LAKES			
Note: HEMORRH. CONSISTS OF SEVERAL WELL CIRCUMSCRIBED BLOOD			
Nose	Olfactory Epi Glands	Cyst Dilatation	Moderate
	Glands	Exudate	
	Olfactory Epi	Hyperplasia	Mild
Pituitary Gland	Pars Intermed	Metaplasia	Mild
Note: ALTERED CELLS ARE SLIGHTLY ENLARGED & HAVE POORLY		Cytoplasmic Alteration	Mild
Note: STAINED, HOMOGENEOUS CYTOPLASM			
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040899

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Lung		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Note: HYPERPLASIA TGLs = 3-2-1			
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Angiectasis	Mild
Stomach	Glandular	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 75	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040900

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN TGLs = 1-21			
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Islets, Pancreatic
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Lung
Pituitary Gland
Skin
Testes

Bone
Gallbladder
Intestine Large - Rectum
Lymph Node - Mandibular
Prostate
Spleen
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Pancreas
Salivary Glands
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Brain
Intestine Small

Thalamus
Jejunum
Ileum

Mineralization
Carcinoma
Hyperplasia

Mild
Lymphoid, Moderate

Note: CARCINOMA TGLs = 6-25
Kidney

Hyperplasia
Mineralization
Regeneration

Lymphoid, Minimal
Minimal
Minimal

Liver

Renal Tubule
Hepatocyte

Angiectasis
Cytologic Alterations
Eosinophilic Focus
Hepatocellular Adenoma
Necrosis

Mild
Moderate

Note: ANGIECTASIS TGLs = 5-24
Note: HEPATOCLR ADEN TGLs = 2-21

Lymph Node
Nose

Mesenteric
Glands
Glands
Olfactory Epi

Hyperplasia
Dilatation
Exudate
Hyperplasia
Metaplasia

Lymphoid, Mild
Mild
Moderate
Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 77	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040902
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Ectasia Inflammation Inflammation	Marked Suppurative, Mild Chronic, Mild
Note: ECTASIA TGLs = 1-8 Thyroid Gland	Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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 - Glandular	Testes
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
Liver	Renal Tubule	Regeneration	Minimal
	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Stomach	Forestomach	Erosion	Minimal
	Forestomach, Mucosa	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 79

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Olfactory Epi	Cyst	
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 80

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040905

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	Kidney	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
	Cortex	Hyperplasia	Focal, Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 1-21			
Note: OVAL CELLS			
Note: THE HEPATOCLR ADEN CONTAINS NUMEROUS CELLS RESEMBLING			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040905

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 5

SEX: Male

DAY ON TEST: 627

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040906

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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
Lung		Hemorrhage	Mild
[Hemorrhage TGLS = 4-2]			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Nose	Glands	Dilatation	Mild
	Glands	Exudate	
	Olfactory Epi	Hyperplasia	Moderate
Note: EXUDATE IS CONFINED TO LUMEN OF THE DILATED GLANDS		Metaplasia	Mild
Skin	Subcut Tiss	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 1-21			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-6			
Thymus		Depletion Cellular	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040907

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	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-21			
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	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	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Minimal
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung	Alveolar Epith	Hyperplasia	Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Stomach	Glandular	Cyst	
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 84

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	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
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
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Intestine Small	Duodenum, Mucosa	Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-21,3-22			
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Moderate
	Bronchiole, Epithelium	Proliferation	Minimal
Note: ALV BRON ADEN TGLs = 2-2-1			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 85

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	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	Hyperplasia	Focal, Minimal
Bone Marrow		Angiectasis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8		
Stomach	Forestomach	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 86

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
	Lobules	Hemorrhage	Minimal
Lymph Node	Mesenteric	Necrosis	Minimal
	Mesenteric	Hemorrhage	Moderate
		Lymphoma Malignant Lymphocytic	
Note: HEMORRHAGE TGLs = 1-5			
Note: TGL 1 POORLY PROCESSED			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 5

SEX: Male

DAY ON TEST: 98

DOSE: 0.600%

DISP: Natural Death

HISTO: A85033602

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	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Liver	Lobules	Necrosis	Mild
Lung		Congestion	Mild
Spleen	Lymph Follic	Atrophy	Moderate
	Red Pulp	Atrophy	Moderate
Note: ATROPHY	TGLs = 2-6		
Note: ATROPHY	TGLs = 2-6		
Stomach	Glandular	Erosion	Mild
Thymus		Depletion Cellular	Moderate
Note: THYMUS IS PRESENT ON SLIDE 8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Colon	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 4-22			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Histiocytic Sarcoma	
Nose	Olfactory Epi	Cyst	
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 88

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040912

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Clear Cell Focus	
		Cytologic Alterations	Moderate
		Hemorrhage	Moderate
	Lobules	Necrosis	Minimal
Note: CLEAR CL FOCUS TGLs = 2-21			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8			
Thymus		Cyst	
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 89	TRT#: 5	SEX: Male	DAY ON TEST: 732
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040913

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 90

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Moderate
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Mild
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 2-22,3-23			
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 5

SEX: Male

DAY ON TEST: 673

DOSE: 0.600%

DISP: Natural Death

HISTO: A86040915

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	Islets, Pancreatic	Lymph Node - Mandibular	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
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 4-23		
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Lobules	Necrosis	Mild
Note: HEPATOCLR ADEN	TGLs = 2-21		
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 3-22		
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Spleen		Congestion	Marked
		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF	TGLs = 1-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 91

TRT#: 5

SEX: Male

DAY ON TEST: 673

DOSE: 0.600%

DISP: Natural Death

HISTO: A86040915

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONGESTION TGLs = 1-6

Note: HEMA CELL PROL TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Chronic, Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 93

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Mild
	Kupffer Cell	Pigmentation	Mild
Note: HEPATOCLR ADEN TGLs = 1-21			
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	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
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Duodenum, Mucosa	Hyperplasia	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN	TGLs = 2-21,3-22		
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Olfactory Epi	Cyst	
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Spleen		Lymphoma Malignant Mixed	

Note: LYMPH MAL MIXD TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040918

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 5

SEX: Male

DAY ON TEST: 576

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	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	Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-25			
Kidney		Casts Protein	Minimal
		Fibrosis	Mild
		Mineralization	Minimal
Note: FIBROSIS TGLs = 2-22			
Liver	Hepatocyte	Cytologic Alterations	Marked
		Eosinophilic Focus	
		Hemorrhage	Minimal
	Kupffer Cell	Pigmentation	Minimal
Note: ALTERED HEPATOCYTES MAINLY IN CEN. LOB./MIDZONAL AREAS			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-26			
Note: LYMPH MAL MIXD TGLs = 3-23			
Note: LYMPH MAL MIXD TGLs = 4-24			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 95	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 576 HISTO: A86040919
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ORGAN AND ACCOUNTABLE SITE STATUS			
Nose	Glands	Dilatation Exudate	Moderate
	Glands Olfactory Epi	Hyperplasia Metaplasia	Moderate Moderate
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Marked

Note: LYMPH MAL MIXD TGLs = 1-21

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Moderate
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: 150 MICRONS IN DIAMETER			
Note: HEPATOCLR ADEN TGLs = 1-21			
Note: HEMORRHAGE OCCURS AS RELATIVELY SMALL BLOOD LAKES 100 TO			
Nose	Olfactory Epi Glands	Cyst Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Angiectasis	Mild
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 96	TRT#: 5	SEX: Male	DAY ON TEST: 732
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040920

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 5

SEX: Male

DAY ON TEST: 711

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Marked
		Hemorrhage	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Oval Cell	Hyperplasia	Moderate
	Lobules	Necrosis	Mild
Note: HEPATOCLR ADEN	TGLs = 2-21,5-23		
Note: HEPATOCLR CARC	TGLs = 3-22		
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 98

TRT#: 5

SEX: Male

DAY ON TEST: 711

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86040922

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Hyperplasia

Lymphoid, Minimal

Stomach

Glandular

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver	Renal Tubule	Regeneration	Minimal
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN	TGLs = 5-24		
Note: HEPATOCLR CARC	TGLs = 3-23		
Lung		Inflammation	Chronic, Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 4-5		
Note: HEMORRHAGE	TGLs = 4-5		
Nose	Glands	Dilatation	Mild
		Exudate	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 99

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040923

ORGAN AND ACCOUNTABLE SITE STATUS

Glands

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040924

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Harderian Gland		Adenoma	
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC	TGLs = 3-22,4-23		
Note: HEPATOCLR ADEN	TGLs = 2-21		
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Parathyroid Gland		Cyst	
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 100	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A86040924
ORGAN AND ACCOUNTABLE SITE STATUS			
Thymus		Cyst	
Tooth		Dysplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC IS ON SLIDE 6			
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040925

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ECTASIA TGLs = 1-21

Salivary Glands

Thymus

Hyperplasia

Cyst

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
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

Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Mild
Nose	Olfactory Epi Glands	Cyst	
		Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Mild
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
Skin	Olfactory Epi	Metaplasia	Moderate
	Hair Follicle	Atrophy	Mild
Note: ATROPHY	TGLs = 1-21		
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 4-4-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Spleen
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Intestine Small	Duodenum, Mucosa	Hyperplasia	Mild
Liver	Hepatocyte	Cytologic Alterations	Marked
		Hemorrhage	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Mild
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
	Olfactory Epi	Necrosis	Mild
Stomach	Forestomach	Diverticulum	Mild
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Preputial Gland		Ectasia	Marked
Testes	Seminif Tub	Atrophy	Mild
		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040931

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	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Moderate
	Lobules	Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Spleen		Angiectasis	Mild
Testes		Hemangiosarcoma	

Note: THE HEMANGIOSARC IS IN AN EARLY STAGE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 466

DOSE: 0.600%

DISP: Natural Death

HISTO: A86040932

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	Kidney
Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 2-21	Medulla	Pheochromocytoma Malignant	
Liver	Hepatocyte	Cytologic Alterations	Moderate
Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Gland)
Nose	Olfactory Epi Glands	Cyst Dilatation	Moderate
	Glands	Exudate	
	Olfactory Epi	Hyperplasia	Moderate
Salivary Glands		Metaplasia	Moderate
Thymus		Hyperplasia	Lymphoid, Minimal
		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Kidney
Salivary Glands
Thymus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Seminal Vesicle
Thyroid Gland

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Pituitary Gland
Skin
Trachea

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Prostate
Stomach - Forestomach
Urinary Bladder

MISSING

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Bone Marrow
Brain
Epididymis

Thalamus

Hypercellularity
Mineralization
Atypia Cellular
Thrombosis

Mild
Moderate

Intestine Small
Liver

Jejunum
Hepatocyte

Lymphoma Malignant Undifferentiated Cell Type
Cytologic Alterations
Hemorrhage
Hepatoblastoma
Necrosis
Pigmentation

Moderate
Mild
Multiple
Mild
Mild

Note: HEPATOBLASTOMA TGLs = 4-23,5-24

Lung

Alveolar/Bronchiolar Carcinoma
Infiltration Cellular

Histiocyte, Moderate

Note: ALV BRON CARC TGLs = 7-2

Lymph Node
Nose

Mesenteric
Glands

Lymphoma Malignant Undifferentiated Cell Type
Dilatation
Exudate

Moderate

Glands
Olfactory Epi

Hyperplasia
Metaplasia

Moderate
Moderate

Pancreas

Lymphoma Malignant Undifferentiated Cell Type

Note: THE LYMPHOMA IS PRESENT OF SLIDE 21

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 109	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040933
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Undifferentiated Cell Type	Moderate
Note: HEMA CELL PROL TGLs = 1-6			
Stomach	Glandular	Cyst	
Testes	Seminif Tub Interstit Cell	Atrophy Hyperplasia Hypospermia Mineralization	Moderate Mild Moderate Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Lobules	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
Note: TGL 4 IS ON SLIDE 2 INSTEAD OF SLIDE 2-1			
Note: ALV BRON ADEN TGLs = 3-2-1			
Note: HEMORRHAGE TGLs = 4-2			
Nose	Olfactory Epi Glands	Cyst Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 110	TRT#: 5 DOSE: 0.600%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040934
ORGAN AND ACCOUNTABLE SITE STATUS			
Preputial Gland Note: ECTASIA Salivary Glands	TGLs = 1-8,2-8 Acinar Cell Acinar Cell	Infiltration Cellular Vacuolization Cytoplasmic Ectasia Hyperplasia Vacuolization Cytoplasmic	Histiocyte, Mild Moderate Marked Lymphoid, Minimal Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 111

TRT#: 6

SEX: Male

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036527

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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Liver	Hepatocyte Lobules	Cytologic Alterations Necrosis	Moderate Minimal
Note: LESIONS INVOLVE MAINLY THE MIDZONAL AND CENTRIOBULAR AREAS.			
Nose	Glands Glands Olfactory Epi	Dilatation Hyperplasia Metaplasia Hemangiosarcoma	Mild Minimal Mild
Testes			
Note: HEMANGIOSARC TGLs = 1-7			
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 6

SEX: Male

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Parathyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 113

TRT#: 6

SEX: Male

DAY ON TEST: 457

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036529

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

Testes

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Kidney

Renal Tubule

Cyst

Regeneration

Minimal

Liver

Hepatocyte

Cytologic Alterations

Mild

Nose

Glands

Dilatation

Moderate

Exudate

Glands

Hyperplasia

Moderate

Olfactory Epi

Metaplasia

Moderate

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 114

TRT#: 6

SEX: Male

DAY ON TEST: 457

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
	Lobules	Necrosis	Minimal
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 6

SEX: Male

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036531

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	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Chronic Active, Minimal
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 6

SEX: Male

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Skin
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Prostate
Spleen
Thymus

Bone
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Forestomach
Thyroid Gland

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Inflammation	Chronic, Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
Nose	Glands	Dilatation	Mild
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 117

TRT#: 6

SEX: Male

DAY ON TEST: 457

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036533

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
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

Liver	Hepatocyte	Cytologic Alterations	Moderate
		Inflammation	Chronic Active, Minimal
	Lobules	Necrosis	Minimal
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 118

TRT#: 6

SEX: Male

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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, Subcapsular	Hyperplasia	Mild
	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 119

TRT#: 6

SEX: Male

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
Nose	Glands	Dilatation	Mild
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild
Urinary Bladder		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 120

TRT#: 6

SEX: Male

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Harderian Gland	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	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	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Marked
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Lobules	Necrosis	Minimal
Note: HYPERPLASIA TGLs = 1-21			
Nose	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 121

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
Liver	Renal Tubule	Regeneration	Minimal
	Hepatocyte	Cytologic Alterations	Mild
		Hepatoblastoma	
		Hepatocellular Carcinoma	
Note: HEPATOBLASTOMA	TGLs = 4-23		
Note: HEPATOCLR CARC	TGLs = 3-22		
Lung		Alveolar/Bronchiolar Adenoma	Multiple, Three
Note: ALV BRON ADEN	TGLs = 5-2,5-2-1		
Preputial Gland		Ectasia	Marked
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 122

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN	TGLs = 2-22,3-23		
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 123

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN	TGLs = 1-21,2-22		
Lymph Node	Mesenteric	Hemorrhage	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 124

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041591

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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 4-22			
Lung		Hemorrhage	Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
Preputial Gland	Olfactory Epi	Metaplasia	Minimal
		Ectasia	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic, Moderate
Note: ECTASIA TGLs = 1-8,2-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 124

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041591

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 9

SEX: Male

DAY ON TEST: 708

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus
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INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Pigmentation	Marked
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
Note: HEPATOBLASTOMA TGLs = 3-22			
Lung		Alveolar/Bronchiolar Adenoma	Multiple, Two
		Infiltration Cellular	Histiocyte, Marked
Note: INFILTRAT CELL TGLs = 6-2			
[Infiltration Cellular TGLS = 5-2,5-2-1]			
Lymph Node	Inguinal	Pigmentation	Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 125

TRT#: 9

SEX: Male

DAY ON TEST: 708

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041592

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Cyst

Testes

Seminif Tub

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 126

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland
Trachea	Ureter	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
Lymph Node	Mesenteric	Hemorrhage	Mild
Mesentery		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 3-22		
Penis		Fibrous Histiocytoma	
Note: FIB HISTIOCYT	TGLs = 2-21		
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		
Spleen	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 4-6		

PRIMARY CAUSE OF DEATH

-

Animal Note: URETER PRESENT ON SLIDE 10

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 127

TRT#: 9

SEX: Male

DAY ON TEST: 617

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Mild
Note: HEPATOCLR ADEN	TGLs = 3-21,3-6		
Note: HEPATOBLASTOMA	TGLs = 4-22		
Lung		Alveolar/Bronchiolar Adenoma	
		Hepatoblastoma	Metastatic (Liver)
Note: ALV BRON ADEN	TGLs = 6-2-1		
Lymph Node	Mediastinal	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 7-2		
Mesentery		Hepatoblastoma	Metastatic (Liver)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 127	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 617 HISTO: A87041594
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEPATOBLASTOMA TGLs = 8-24			
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			
Skeletal Muscle		Hepatoblastoma	Metastatic (Liver)
Note: HEPATOBLASTOMA TGLs = 5-23			
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 128

TRT#: 9

SEX: Male

DAY ON TEST: 709

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric	Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Fibrosis	Mild
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Mild
Note: HEPATOBLASTOMA	TGLs = 3-22		
Note: HEPATOCLR ADEN	TGLs = 2-21,4-23		
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Stomach	Glandular	Cyst	
	Glandular	Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 128

TRT#: 9

SEX: Male

DAY ON TEST: 709

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041595

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 129

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Capsule, Cortex	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Chronic, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hemangiosarcoma	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
Note: HEMANGIOSARC	TGLs = 2-21		
Note: HEPATOCLR ADEN	TGLs = 3-22		
Lung		Hemorrhage	Minimal
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 129

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041596

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 130

TRT#: 9

SEX: Male

DAY ON TEST: 709

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Intestine Large - Colon

OBSERVATIONS

Bone Marrow		Hypercellularity	Marked
Brain	Thalamus	Mineralization	Moderate
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-23			
Kidney	Renal Tubule	Mineralization	Moderate
	Hepatocyte	Regeneration	Mild
Liver		Cytologic Alterations	Moderate
		Hemorrhage	Mild
	Lobules	Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 6-25		Necrosis	Mild
Lung		Lymphoma Malignant Mixed	
Lymph Node	Iliac	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-24			
Note: LYMPH MAL MIXD TGLs = 7-2-1			
Note: LYMPH MAL MIXD TGLs = 3-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 130	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 709 HISTO: A87041597
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Glands	Dilatation Exudate	Mild
Pituitary Gland Spleen	Pars Distalis	Cyst Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Moderate
Note: LYMPH MAL MIXD TGLs = 2-6 Note: HEMA CELL PROL TGLs = 2-6			
Stomach Thymus	Glandular	Cyst Cyst	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
Liver	Renal Tubule	Regeneration	Moderate
	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOBLASTOMA	TGLs = 1-21		
Note: HEPATOCLR ADEN	TGLs = 3-23		
Note: HEPATOCLR CARC	TGLs = 2-22		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Atrophy	Moderate
		Mineralization	Moderate
Tooth		Dysplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 131

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041598

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 132

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
Note: HEPATOBLASTOMA TGLs = 5-25			
Note: HEPATOCLR ADEN IS ON SLIDE 6			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-21,2-22			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 132

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041599

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 133

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Colon	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Infiltration Cellular	Mast Cell, Mild
Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Marked
		Eosinophilic Focus	
		Hemorrhage	Moderate
		Hepatocellular Adenoma	
	Lobules	Necrosis	Mild
Note: HEPATOCLR ADEN			TGLs = 4-22
Note: CYTOLOGC ALTER			TGLs = 3-6
Note: HEMORRHAGE			TGLs = 3-6
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE			TGLs = 5-5
Nose	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 134	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A87041601
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Hyperplasia	Lymphoid, Minimal
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION	TGLs = 2-7		
Skin		Acanthosis	Minimal
Note: ACANTHOSIS	TGLs = 1-21		
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 135

TRT#: 9

SEX: Male

DAY ON TEST: 708

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Hyperostosis	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Pigmentation	Marked
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 4-22,7-25			
Note: HEPATOBLASTOMA TGLs = 3-21,5-23,6-24			
Note: LIVER ON SLIDE 23 HAS FOCAL AREA SUGGESTIVE OF OSTEO-			
Note: SARCOMATOUS TRANSFORMATION			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 135	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 708 HISTO: A87041602
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Pigmentation	Mild
	Ectasia	Marked
	Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-8		
Spleen	Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 2-6		
Thyroid Gland	Degeneration	Cystic, Mild
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 136

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041603

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	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Hyperplasia Mineralization Regeneration	Lymphoid, Minimal Moderate Moderate
Liver	Renal Tubule Hepatocyte	Cytologic Alterations Hepatocellular Adenoma	Mild Multiple
Note: HEPATOCLR ADEN TGLs = 2-21,3-22			
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia Inflammation Inflammation	Mild Suppurative, Mild Chronic, Moderate
Note: INFLAMMATION TGLs = 1-8			
Note: INFLAMMATION TGLs = 1-8			
Note: ECTASIA TGLs = 1-8			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 137

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041604

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	Lung	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Moderate
Epididymis		Inflammation	Chronic, Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-22			
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Moderate
Skin		Acanthosis	Minimal
Note: ACANTHOSIS TGLs = 1-21			
Testes	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 137

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041604

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 138

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 4-23		
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 3-22		
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Lung		Hyperplasia	Lymphoid, Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 138

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041605

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 139

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-21			
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Glands	Dilatation	Minimal
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 140

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN	TGLs = 2-21,4-23,5-24		
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 140

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041607

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 141

TRT#: 9

SEX: Male

DAY ON TEST: 707

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric
Mammary Gland			

AUTO PRECLUDES DIAG.

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Mild
Heart	Myocardium	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Mineralization	Moderate
Liver		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Marked
	Kupffer Cell	Pigmentation	Mild
Note: MINERALIZED FOCI ASSOCIATED W/ NECROTIC AREAS			
Note: HEPATOCLR CARC TGLs = 2-21,3-22,4-23			
Preputial Gland		Ectasia	Marked
		Inflammation	Suppurative, Mild
Note: ECTASIA TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Hemorrhage	Moderate
Note: HEMORRHAGE TGLs = 5-4-1			
Thymus		Depletion Cellular	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 141

TRT#: 9

SEX: Male

DAY ON TEST: 707

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041608

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 142

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
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	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Large - Colon	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Moderate
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Mixed Cell, Moderate

Note: MIX. CELL INFILTR. IS NEUTROPHILS & LARGE MONONUCLEARS

Note: HEPATOCLR CARC TGLs = 2-21,4-23

Note: HEPATOCLR ADEN TGLs = 3-22

Note: HEPATOCLR ADEN IS ALSO PRESENT ON SLIDE 6

Note: HEPATOCLR CARC IS ALSO PRESENT ON SLIDE 6

Note: FOCI OF OVAL CELL PROLIF. WITHIN HEPATOCLR CARC

Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 142	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A87041609
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Marked
		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-8			
Note: INFLAMMATION TGLs = 1-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 143

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
	Lobules	Necrosis	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASTIC AREA RESEMBLES PARS INTERMEDIA			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 144

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	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	Thymus
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INSUFFICIENT TISSUE

Intestine Small - Ileum

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
		Clear Cell Focus	
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Note: HEPATOBLASTOMA TGLs = 2-22			
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDES 6 AND 22			
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mandibular	Infiltration Cellular	Mast Cell, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 145

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple

Note: CYTOLOGIC ALTER INCLUDES CELLS W/ APPARENT MULTIPLE NUCLEI

Note: HEPATOBLASTOMA IS WITHIN HEPATOCLR ADEN ON SLIDE 24

Note: HEPATOBLASTOMA IS IN AN EARLY STAGE

Note: HEPATOCLR ADEN TGLs = 5-24

Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 2-21		
Nose	Glands	Dilatation	Minimal
		Exudate	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 145	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A87041612
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland Note: ECTASIA TGLs = 1-8-1	Glands Olfactory Epi	Hyperplasia Metaplasia Ectasia	Minimal Minimal Marked
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PRIMARY CAUSE OF DEATH -

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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 - Forestomach	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Marked
	Iliac	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	

Note: HEMORRHAGE TGLs = 1-5

Note: LYMPH MAL MIXD TGLs = 1-5

Note: LYMPH MAL MIXD TGLs = 3-22

Note: LYMPH MAL MIXD TGLs = 4-23

Pancreas Lymphoma Malignant Mixed

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 146

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041613

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Lymphoma Malignant Mixed	
Stomach	Glandular, Mucosa	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 147

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Intestine Large - Colon	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Developmental Malformation	
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 3-23,4-24			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

Note: UR. BLADDER HAS APPARENT INFUSION ARTIFACT

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 147

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041614

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 148

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Moderate
		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-8-1			
Note: ECTASIA TGLs = 1-8-1			
Note: INFLAMMATION TGLs = 1-8-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:40
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 148

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041615

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:40

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 149

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Moderate
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Lobules	Necrosis	Minimal

Note: BILIARY DYSPLASIA

Note: HEPATOCLR CARC ON SLIDE 22 CONTAINS AREA OF

Note: HEPATOCLR CARC TGLs = 3-21,4-22,6-24,7-25,8-26

Note: HEPATOCLR ADEN TGLs = 5-23

Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Hyperplasia	Minimal

Note: SOME HYPERPLASTIC GLANDS HAVE HYALINE DEGENERATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 149	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A87041616
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ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Ectasia Inflammation	Moderate Chronic, Mild
Note: ECTASIA	TGLs = 1-8-1		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach		Cyst	
Testes		Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 150

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	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	Clear Cell Focus	
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-22			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Moderate
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 1-8			
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 151

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Pituitary Gland	Prostate	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 3-22,4-23			
Lung		Hyperplasia	Lymphoid, Minimal
		Thrombosis	
Nose		Exudate	
	Glands	Hyperplasia	Minimal
Parathyroid Gland		Cyst	
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 151

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041618

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ECTASIA TGLs = 2-8

Salivary Glands

Skin

Hyperplasia

Acanthosis

Lymphoid, Mild

Minimal

Note: ACANTHOSIS TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 152

TRT#: 9

SEX: Male

DAY ON TEST: 626

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041619

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	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone Marrow		Hypercellularity	Mild
Epididymis		Fibrosis	Moderate
		Inflammation	Chronic, Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Minimal
	Renal Tubule	Vacuolization Cytoplasmic	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatoblastoma	
		Hepatocellular Carcinoma	
Note: HEPATOBLASTOMA TGLs = 4-21			
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 3-5]			
[Hyperplasia TGLS = 3-5]			
Mesentery		Hepatoblastoma	Metastatic (Liver)
Note: HEPATOBLASTOMA IS ON SLIDE 4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 152	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Natural Death	DAY ON TEST: 626 HISTO: A87041619
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ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Glands	Dilatation	Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 2-6			
Urinary Bladder		Edema	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 153

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	Heart	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	Spleen	Stomach - Forestomach
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-26			
Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Clear Cell Focus	
		Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal

Note: HEPATOCLR CARC TGLs = 1-21,2-22

Note: HEPATOBLASTOMA IS ON SLIDE 6 & IS IN EARLY STAGE

Note: HEPATOCLR ADEN TGLs = 3-23

Note: CLEAR CELL FOCUS IS ON SLIDE 25

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 153	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A87041620
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ORGAN AND ACCOUNTABLE SITE STATUS

Lung	Alveolar Epith Bronchiole, Epithelium	Alveolar/Bronchiolar Adenoma Hyperplasia Proliferation	Moderate Minimal
Note: ALV BRON ADEN TGLs = 7-2-1			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 154

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041621

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Epididymis		Inflammation	Chronic, Moderate
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	Multiple
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN	TGLs = 1-21,2-22,3-23		
Pituitary Gland	Pars Distalis	Cyst	
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 155

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041622

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	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Epididymis		Fibrosis	Moderate
		Inflammation	Chronic, Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Moderate
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Basophilic Focus	
		Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-21,3-22,4-23			
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-8			
Salivary Glands		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 155

TRT#: 9

SEX: Male

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041622

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach
Urinary Bladder

Glandular

Cyst
Hyperplasia

Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 156

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
Liver	Renal Tubule	Regeneration	Moderate
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC	TGLs = 2-22,5-25		
Note: HEPATOCLR ADEN	TGLs = 3-23,4-24,6-26		
Skin	Subcut Tiss	Edema	Mild
		Inflammation	Acute, Moderate
Note: EDEMA & INFLAMM ARE ON SLIDE 8 ADJACENT TO SALIVARY GL.			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 156

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041623

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 157

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Cyst	
		Hyperplasia	Mild
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Clear Cell Focus	
		Cytologic Alterations	Moderate
		Hemorrhage	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOBLASTOMA	TGLs = 2-22		
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Testes	Seminif Tub	Atrophy	Moderate
		Granuloma Sperm	Mild
		Mineralization	Moderate
Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 157

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041624

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 158

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041625

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	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	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Epididymis		Granuloma Sperm	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
Note: HEPATOCLR ADEN TGLs = 2-22,3-23,4-24			
Note: HEPATOBLASTOMA PRESENT ALSO ON SLIDE 6			
Note: HEPATOBLASTOMA TGLs = 1-21			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 158

TRT#: 9
DOSE: 0.200%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: A87041625

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Mesenteric	Hemorrhage Dysplasia	Mild Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 159

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	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	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

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Intestine Small	Duodenum	Inflammation	Chronic, Mild
Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 1-21,3-23		
Spleen	Lymph Follic	Atrophy	Mild
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 160

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 3-22,4-23			
Lung		Hyperplasia	Lymphoid, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 161

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
Note: HEPATOCLR ADEN TGLs = 2-22			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Skin		Acanthosis	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 162

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041629

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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone Marrow		Hypercellularity	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
	Lobules	Necrosis	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Stomach	Glandular	Inflammation	Subacute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 163

TRT#: 9

SEX: Male

DAY ON TEST: 708

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Small - Jejunum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Moderate
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Pigmentation	Marked
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: EARLY HEPATOBLASTOMA PRESENT ON SLIDE 24			
Note: HEPATOBLASTOMA TGLs = 3-21			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hemorrhage	Minimal
Note: HEMA CELL PROL TGLs = 1-5			
Note: HEMORRHAGE TGLs = 1-5			
Salivary Glands		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 163	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 708 HISTO: A87041630
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Diverticulum	Mild
	Forestomach	Squamous Cell Papilloma	
Note: DIVERTICULUM TGLs = 2-4 Note: TGL 2 IS ON SLIDE 4 INSTEAD OF 4-1			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 164

TRT#: 9

SEX: Male

DAY ON TEST: 672

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Nose
Salivary Glands
Testes
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Lung
Parathyroid Gland
Seminal Vesicle
Thymus

Bone
Heart
Lymph Node - Mandibular
Pituitary Gland
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Colon
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder
Intestine Small - Jejunum

Intestine Large - Cecum
Islets, Pancreatic

Intestine Small - Duodenum
Pancreas

Intestine Small - Ileum
Stomach - Glandular

OBSERVATIONS

Brain
Kidney

Thalamus

Mineralization
Cyst

Mild

Liver

Hepatocyte

Mineralization
Cytologic Alterations
Hepatocellular Carcinoma

Mild
Mild

Note: HEPATOCLR CARC TGLs = 3-21
Preputial Gland

Ectasia
Inflammation

Moderate
Chronic, Moderate

Note: KERATINIZED MATERIAL
Note: ECTASIA TGLs = 1-8
Note: INFLAMMATION TGLs = 1-8
Note: ONE OF THE ECTATIC PREPUTIAL GLS. FILLED WITH

Spleen Lymph Follic

Hyperplasia

Moderate

Note: AUTOLYSIS DIFFERENT FROM OTHER TISSUES
Note: SPLEEN POSSIBLY FROM DIFFERENT ANIMAL; DEGREE OF

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 165

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Seminal Vesicle	Skin	Stomach - Forestomach	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Spleen
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-21,3-22			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 1-8			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 166

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal

Note: HEPATOBLASTOMA TGLs = 5-24

Note: HEPATOBLASTOMA IS AN EARLY STAGE

Note: HEPATOCLR CARC TGLs = 2-21,3-22

Note: HEPATOCLR ADEN TGLs = 4-23,5-24,6-25,7-26

Note: HEPATOBLASTOMA IS CONFLUENT WITH HEPATOCLR ADEN

Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Glands	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 166	TRT#: 9 DOSE: 0.200%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A87041633
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA	TGLs = 1-8-1		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 167

TRT#: 9

SEX: Male

DAY ON TEST: 722

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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 - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Mild
Heart		Histiocytic Sarcoma	
Intestine Small	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney	Renal Tubule	Adenoma	
		Casts Protein	Minimal
	Renal Tubule	Cytoplasmic Alteration	Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
Note: CYTOPLAS ALTER TGLs = 4-5			
Note: ADENOMA TGLs = 5-21			
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Mild
		Histiocytic Sarcoma	
Lung		Histiocytic Sarcoma	
Lymph Node	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 167

TRT#: 9

DOSE: 0.200%

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 722

HISTO: A87041634

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 3-6

Thymus

Thyroid Gland

Tissue NOS

Note: TISSUE NOS IS MEDIASTINAL TISSUE FROM THORACIC CAVITY

Histiocytic Sarcoma

Degeneration

Histiocytic Sarcoma

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 168

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Gallbladder	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
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Developmental Malformation	
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Inflammation	Chronic, Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Cyst	
		Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
Liver	Renal Tubule	Regeneration	Moderate
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 1-21		
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Moderate
Note: ECTASIA	TGLs = 2-8-1		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 169

TRT#: 9

SEX: Male

DAY ON TEST: 711

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Stomach	Glandular	Cyst	
Thymus	Epithel Cell	Hyperplasia	Mild
Urinary Bladder	Mucosa	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 170

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041637

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Epididymis		Fibrosis	Moderate
		Inflammation	Chronic, Moderate
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 2-22		
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Glomerulosclerosis	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatoblastoma	
Note: MARKED HEMORRH. & NECROSIS ASSOC. W/ HEPATOBLASTOMA			
Note: HEPATOBLASTOMA	TGLs = 1-21		
Lung		Hyperplasia	Lymphoid, Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Parathyroid Gland		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 170

TRT#: 9

SEX: Male

DAY ON TEST: 730

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041637

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 3-23		
Thymus		Cyst	
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 171

TRT#: 10
DOSE: 0.200% 15 SSAC

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: A86036549

OBSERVATIONS

Liver	Hepatocyte Lobules	Cytologic Alterations Necrosis	Moderate Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 172

TRT#: 10

SEX: Male

DAY ON TEST: 455

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036550

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Moderate

Inflammation

Chronic Active, Minimal

Hepatocyte

Vacuolization Cytoplasmic

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 173

TRT#: 10

SEX: Male

DAY ON TEST: 457

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Moderate

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 174

TRT#: 10

SEX: Male

DAY ON TEST: 455

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036552

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Moderate

Inflammation

Chronic Active, Minimal

Nose

Glands

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 175

TRT#: 10

SEX: Male

DAY ON TEST: 457

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036553

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Mild

Preputial Gland

Hepatocyte

Vacuolization Cytoplasmic

Moderate

Note: ECTASIA TGLs = 1-8

Atrophy

Marked

Note: ATROPHY TGLs = 1-8

Ectasia

Marked

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 176

TRT#: 10

SEX: Male

DAY ON TEST: 456

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036554

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Mild

Nose

Glands

Dilatation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 177

TRT#: 10
DOSE: 0.200% 15 SSAC

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 455
HISTO: A86036555

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Inflammation	Moderate Chronic Active, Minimal
	Lobules	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Preputial Gland		Ectasia	Mild
		Inflammation	Chronic, Mild

Note: ECTASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 178

TRT#: 10

SEX: Male

DAY ON TEST: 456

DOSE: 0.200% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036556

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Moderate

Note: THE SEVERELY AFFECTED AREAS ARE CENTRILOBULAR & MIDZONAL.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 180

TRT#: 10
DOSE: 0.200% 15 SSAC

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: A86036558

OBSERVATIONS

Intestine Small
Note: LYMPH MAL MIXD TGLs = 2-21

Jejunum

Lymphoma Malignant Mixed

Liver

Hepatocyte

Cytologic Alterations

Moderate

Lymph Node

Mesenteric

Inflammation

Chronic Active, Minimal

Hemorrhage

Mild

Note: LYMPH MAL MIXD TGLs = 1-5

Mesenteric

Lymphoma Malignant Mixed

Note: HEMORRHAGE TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 181

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-21			
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Glands	Dilatation	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Skin	Subcut Tiss	Hemangioma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 182

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
	Renal Tubule	Hyperplasia	Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 183

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-23			
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-22			
Lung		Inflammation	Suppurative, Minimal
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-21			
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-6-1			
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Testes
Thymus	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Hyperostosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Dilatation	Moderate
Note: DILATATION	TGLs = 1-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 184

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041641

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 185

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CL FOCUS	TGLs = 5-22		
Note: HEPATOCLR ADEN	TGLs = 3-21		
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Minimal
		Inflammation	Suppurative, Minimal
Note: ALV BRON ADEN	TGLs = 4-2-1		
Lymph Node	Mesenteric	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 185	TRT#: 13 DOSE: 0.0666%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: A87041642
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE	TGLs = 2-5		
Seminal Vesicle		Dilatation	Moderate
Note: DILATATION	TGLs = 1-7		
Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 186

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Duodenum	Mammary Gland
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OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	Lobules	Necrosis	Mild
Note: HEPATOCLR CARC ALSO PRESENT ON SLIDE 6			
Note: HEPATOCLR CARC TGLs = 2-22			
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Nose		Exudate	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Suppurative, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 187

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemorrhage	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-21			
Note: SMALL FOCI OF MONONUCLEAR CELLS & HEMORRH. IN PARENCHYMA			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 188

TRT#: 13

SEX: Male

DAY ON TEST: 710

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041645

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
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-21			
Islets, Pancreatic		Hyperplasia	Moderate
Note: HYPERPLASIA PRESENT ON SLIDES 5 AND 7			
Kidney		Casts Protein	Minimal
		Lymphoma Malignant Mixed	
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Carcinoma	
	Lobules	Necrosis	Mild
Note: HEPATOCLR CARC TGLs = 3-22			
Note: HEPATOCLR CARC IS WELL DIFFERENTIATED			
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
Note: MOST HISTIOCYTIC CELLS CONTAIN BROWN/BLACK PIGMENT			
Lymph Node	Mesenteric	Hyperplasia	Histiocytic, Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 188

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 710
HISTO: A87041645

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 1-6

Stomach

Glandular

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 189

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Note: CYST	TGLs = 2-5,3-5		
Liver	Hepatocyte	Cytologic Alterations	Minimal
	Lobules	Necrosis	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8		
Testes		Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 190

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041647

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	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Harderian Gland		Adenoma	
Kidney	Renal Tubule	Atrophy	Mild
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
Liver	Renal Tubule	Regeneration	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
Lung	Alveolar Epith	Mixed Cell Focus	
		Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-23		
Note: LYMPH MAL MIXD	TGLs = 4-24		
Note: LYMPH MAL MIXD	TGLs = 5-25		
Nose		Exudate	
Parathyroid Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 190

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041647

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands
Spleen

Hyperplasia
Lymphoma Malignant Mixed

Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 191

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Carcinoma	
Note: CARCINOMA	TGLs = 1-21		
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 2-5		
Note: HEMA CELL PROL	TGLs = 2-5		
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Glandular	Cyst	
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 192

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: MIXED CL FOCUS	TGLs = 2-22		
Note: HEPATOCLR ADEN	TGLs = 1-21,3-23		
Lymph Node	Mesenteric	Hemorrhage	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 193

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041650

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	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Note: HYPERPLASTIC GLANDS HAVE HYALINE DEGENERATION			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Note: ECTASIA TGLs = 1-8-1,2-8-1			
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 194

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Intestine Large - Colon

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN TGLs = 6-23			
Note: HEPATOCLR CARC TGLs = 1-21,2-22			
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HEMORRHAGE TGLs = 4-5			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
Thyroid Gland		Degeneration	Cystic, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 195

TRT#: 13

SEX: Male

DAY ON TEST: 710

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Angiectasis	Moderate
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: HEPATOBLASTOMA	TGLs = 3-21		
Note: HEPATOCLR ADEN	TGLs = 4-22,6-24		
Note: HEPATOBLASTOMA ALSO PRESENT ON SLIDE 6			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 195

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 710
HISTO: A87041652

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Mesenteric	Infiltration Cellular Hyperplasia	Mast Cell, Mild Lymphoid, Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: URINARY BLADDER HAS INFUSION ARTIFACT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 196

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041653

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	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-22			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
Note: ECTASIA TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Seminal Vesicle		Dilatation	Moderate
Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 197

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Small - Ileum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: CLEAR CL FOCUS	TGLs = 2-6-1		
Note: HEPATOCLR ADEN	TGLs = 3-21		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 198

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hemangiosarcoma	
		Hepatocellular Adenoma	
Note: HEMANGIOSARC	TGLs = 4-22		
Note: HEPATOCLR ADEN	TGLs = 3-21		
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		
Stomach	Glandular	Cyst	
Tooth		Dysplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 198

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041655

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 199

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 2-21		
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thymus		Cyst	
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 200

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Skin
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Lymph Node - Mandibular
Prostate
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Nose
Salivary Glands
Testes

Epididymis
Intestine Large - Cecum
Intestine Small - Ileum
Pancreas
Seminal Vesicle
Thymus

MISSING

Mammary Gland

Pituitary Gland

OBSERVATIONS

Bone Marrow
Brain
Intestine Small
Note: LYMPH MAL MIXD TGLs = 7-25,8-26

Thalamus
Jejunum

Hypercellularity
Mineralization
Lymphoma Malignant Mixed

Moderate
Mild

Kidney
Liver
Note: HEPATOCLR ADEN TGLs = 3-22,4-23,5-24

Renal Tubule
Hepatocyte

Mineralization
Regeneration
Cytologic Alterations
Hepatocellular Adenoma

Moderate
Moderate
Minimal
Multiple

Lung
Lymph Node
Note: LYMPH MAL MIXD TGLs = 6-5-1
[Lymphoma Malignant Mixed TGLs = 9-27]

Mesenteric
Renal

Alveolar/Bronchiolar Adenoma
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Preputial Gland
Note: ECTASIA TGLs = 1-21

Ectasia

Moderate

Spleen
Note: LYMPH MAL MIXD TGLs = 2-6
Note: HEMA CELL PROL TGLs = 2-6

Hematopoietic Cell Proliferation
Lymphoma Malignant Mixed

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 200

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041657

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach
Thyroid Gland

Forestomach

Diverticulum
Degeneration

Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 201

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
Lung		Inflammation	Suppurative, Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 3-7-1		
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 202

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041659

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 - 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	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Epididymis		Hyperplasia	Lymphoid, Mild
Intestine Small	Duodenum	Metaplasia	Squamous, Minimal
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 2-21,3-22			
Note: FOCAL OVAL CELL PROLIF. IN HEPTOCLR CARC ON SLIDE 21			
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Minimal
Preputial Gland		Ectasia	Moderate
Note: ECTASIA TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 202

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041659

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth		Dysplasia	Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203

TRT#: 13

SEX: Male

DAY ON TEST: 709

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Mild
Gallbladder		Dilatation	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
Liver	Renal Tubule	Regeneration	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 4-2-1		
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Moderate
Note: HEMA CELL PROL	TGLs = 3-5		
Note: HEMORRHAGE	TGLs = 3-5		
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 203

TRT#: 13

SEX: Male

DAY ON TEST: 709

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041660

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 1-6

Stomach

Glandular

Cyst

Thymus

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 204

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Note: CYST	TGLs = 3-5		
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-21,2-22		
Stomach	Glandular	Cyst	
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 205

TRT#: 13

SEX: Male

DAY ON TEST: 582

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Nose
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Esophagus
Parathyroid Gland
Seminal Vesicle
Testes
Urinary Bladder

Bone
Intestine Large - Rectum
Pituitary Gland
Skin
Thymus

Brain
Lymph Node - Mandibular
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Gallbladder
Intestine Small - Ileum
Pancreas

Intestine Large - Cecum
Intestine Small - Jejunum

Intestine Large - Colon
Islets, Pancreatic

Intestine Small - Duodenum
Lymph Node - Mesenteric

OBSERVATIONS

Bone Marrow
Heart
Kidney
Liver

Lobules

Hypercellularity
Thrombosis
Mineralization
Hemangiosarcoma
Hepatoblastoma
Necrosis

Moderate
Mild
Marked

Note: HEPATOBLASTOMA TGLs = 3-22

Note: HEMANGIOSARC TGLs = 2-21

Lung
Spleen

Alveolar/Bronchiolar Adenoma
Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 206

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 3-5		
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1,2-8-1		
Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenoma	
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: CYTOLOGIC ALTERATION INCLUDED FOCI OF INCREASED NUMBERS OF			
Note: HEPATOCELLULAR NUCLEI			
Note: HEPATOCLR ADEN TGLs = 3-22,4-23			
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 2-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Spleen	Lymph Follic	Hyperplasia	Moderate
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 207

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041664

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CHANGES SUGGESTIVE OF LYMPHOCYTIC LYMPHOMA

Animal Note: ARTIFACT NEAR URINARY BLADDER; NO NEOPLASM

Animal Note: IN MEDIASTINUM ON SLIDE 2; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 208

TRT#: 13

SEX: Male

DAY ON TEST: 549

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Intestine Large - Colon
Lung
Pancreas
Seminal Vesicle
Testes

Epididymis
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Skin
Thyroid Gland

Esophagus
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

Pituitary Gland

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland
Bone Marrow

Brain
Heart
Intestine Small
 Note: CARCINOMA TGLs = 4-23
Islets, Pancreatic
Kidney

Liver

 Note: HEPATOCLR ADEN TGLs = 3-22
Spleen
 Note: HEMA CELL PROL TGLs = 2-6
Thymus

Cortex

Thalamus

Duodenum

Renal Tubule

Centrilobular

Accessory Adrenal Cortical Nodule
Angiectasis
Hypercellularity
Mineralization
Thrombosis
Carcinoma

Hyperplasia
Mineralization
Regeneration
Hepatocellular Adenoma
Necrosis

Hematopoietic Cell Proliferation

Depletion Cellular

Mild
Mild
Mild

Moderate
Mild
Minimal

Moderate

Marked

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 209

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041666

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	Nose
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

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

OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
		Hyperplasia	Lymphoid, Moderate
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Mild
	Lobules	Necrosis	Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
	Mesenteric	Hyperplasia	Histiocytic, Mild
	Mesenteric	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Inflammation	Suppurative, Minimal
Note: HYPERPLASIA TGLs = 3-5			
Note: HYPERPLASIA TGLs = 3-5			
[Inflammation TGLS = 4-2]			
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland		Degeneration	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 209

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041666

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MEDIASTINUM; NOT CODED

Animal Note: FOCUS OF PYOGRANULOMATOUS INFLAMMATION IN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 210

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenoma	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Mild
Nose	Glands	Dilatation	Moderate
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Note: ECTASIA	TGLs = 1-8-1		
Stomach	Glandular	Cyst	
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 211

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Spleen	Stomach - Forestomach	Testes
Thymus	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-8-1			
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Dysplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 212

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: LYMPH MAL UNDF TGLs = 1-6			
Testes	Interstit Cell	Hyperplasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 213

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN	TGLs = 3-22,4-23		
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 5-2-1		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Skin		Acanthosis	Mild
Note: ACANTHOSIS ALSO PRESENT ON SLIDE 8			
Note: ACANTHOSIS	TGLs = 1-21		
Spleen		Congestion	Mild
Testes	Seminif Tub	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 213

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041670

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia
Hyospermia

Moderate
Moderate

Note: ATROPHY TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 214

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: HEPATOCLR ADEN TGLs = 3-21			
Lymph Node	Mesenteric	Hemorrhage	Mild
Spleen	Red Pulp	Atrophy	Moderate
		Congestion	Moderate
	Lymph Follic	Hyperplasia	Mild
Note: ATROPHY TGLs = 2-6			
Note: HYPERPLASIA TGLs = 2-6			
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 215

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Hyperplasia	Reticulum Cell, Moderate
Note: HEMORRHAGE	TGLs = 2-5		
Note: HYPERPLASIA	TGLs = 2-5		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Ectasia	Marked
Note: ECTASIA	TGLs = 1-8-1		
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Basophilic Focus	
	Cortex	Clear Cell Focus	
	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Epididymis		Granuloma Sperm	Moderate
Heart	Artery	Inflammation	Chronic Active, Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: HEPATOCLR ADEN TGLs = 1-21			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 216

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041673

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ONE TESTIS HAS PROCESSING ARTIFACT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 217

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Heart	Myocardium	Inflammation	Chronic, Mild
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Parathyroid Gland		Cyst	
Preputial Gland		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 1-8			
Skin		Inflammation	Chronic, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Inflammation	Suppurative, Mild
Thyroid Gland		Degeneration	Cystic, Marked
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 218

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC	TGLs = 1-21		
Note: HEPATOCLR ADEN	TGLs = 2-22		
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 219

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Small - Jejunum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Cyst	
		Mineralization	Moderate
Note: CYST LINED W/ SQUAMOUS EPITHELIUM			
Note: CYST FILLED W/ LAMINATED KERATINIZED MATERIAL			
Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Mild
Liver	Renal Tubule	Regeneration	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hemorrhage	Moderate
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-22			
Note: HEPATOCLR CARC TGLs = 1-21,2-22			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 219

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041676

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Mesenteric Glands	Infiltration Cellular	Mast Cell, Moderate
Salivary Glands		Dilatation	Minimal
Stomach	Glandular	Hyperplasia	Lymphoid, Mild
	Glandular	Cyst	
Tooth		Dysplasia	Mild
		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 220

TRT#: 13

SEX: Male

DAY ON TEST: 709

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Gallbladder	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Nose
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Mixed	
	Medulla	Lymphoma Malignant Mixed	
Bone Marrow		Hypercellularity	Moderate
Heart		Lymphoma Malignant Mixed	
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 7-24		
Kidney		Cyst	
		Lymphoma Malignant Mixed	
		Mineralization	Mild
Note: LYMPH MAL MIXD	TGLs = 3-5		
Liver		Hemorrhage	Moderate
		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Note: HEMORRHAGE	TGLs = 5-22		
Note: HEPATOCLR ADEN	TGLs = 12-26		
Note: LYMPH MAL MIXD	TGLs = 4-6		
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Marked
		Lymphoma Malignant Mixed	
[Alveolar/Bronchiolar Adenoma	TGLS = 9-2-1]		
[Infiltration Cellular	TGLS = 8-2-1]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 220	TRT#: 13 DOSE: 0.06666%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 709 HISTO: A87041677
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular Mesenteric Pancreatic Renal	Hematopoietic Cell Proliferation Lymphoma Malignant Mixed Lymphoma Malignant Mixed Lymphoma Malignant Mixed	Minimal
Note: LYMPH MAL MIXD	TGLs = 6-23		
Note: LYMPH MAL MIXD	TGLs = 2-21		
Note: LYMPH MAL MIXD	TGLs = 11-25		
Pancreas	Duct	Hyperplasia	Moderate
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
Note: HEMA CELL PROL	TGLs = 1-6		
Note: LYMPH MAL MIXD	TGLs = 1-6		

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS AND TRACHEA ARE PRESENT ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 221

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
Liver		Regeneration	Minimal
	Hepatocyte	Clear Cell Focus	
		Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: HEPATOCLR ADEN	TGLs = 2-21,3-22,5-23		
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Note: HYPERPLASIA	TGLs = 4-2-1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 221	TRT#: 13 DOSE: 0.0666%	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: A87041678
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			
Seminal Vesicle		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 222

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Adenoma	
Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
	Oval Cell	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Regeneration	Focal, Moderate
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-5		
Skin		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-21		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 223

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Adenoma	
Kidney		Cyst	
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Nose	Glands	Dilatation	Minimal
Parathyroid Gland		Cyst	
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	
Preputial Gland		Ectasia	Moderate
Note: ECTASIA	TGLs = 1-8-1		
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hypercellularity	Moderate
Intestine Large	Cecum	Hyperplasia	Lymphoid, Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic, Minimal
	Lobules	Necrosis	Mild
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
Mesentery		Inflammation	Pyogranulomat, Moderate
Note: MESENTERIC INFLAMMATION IS ON SLIDE 5			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 224

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041681

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 1-6

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 225

TRT#: 13

SEX: Male

DAY ON TEST: 710

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Moderate
		Cyst	
		Glomerulosclerosis	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Marked
Liver	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 4-21		
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Mild
Note: ALV BRON CARC	TGLs = 5-2-1		
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Minimal
	Inguinal	Hyperplasia	Lymphoid, Moderate
Note: HEMA CELL PROL	TGLs = 3-5		
Note: HEMORRHAGE	TGLs = 3-5		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 225	TRT#: 13 DOSE: 0.0666%	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: A87041682
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA	TGLs = 1-8			
Pituitary Gland		Pars Distalis	Adenoma	
Preputial Gland			Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 2-8-1			
Spleen			Hematopoietic Cell Proliferation	Moderate
Tooth			Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 226

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 227

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041684

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	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

Islets, Pancreatic		Hyperplasia	Marked
Kidney		Cyst	
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Note: CYST TGLs = 1-5			
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Spleen		Congestion	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 228

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Carcinoma	
Note: CARCINOMA TGLs = 2-21			
Kidney		Cyst	
		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
	Mesenteric	Hemorrhage	Minimal
Preputial Gland		Ectasia	Marked
		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Mild
Note: ECTASIA TGLs = 1-8-1			
Note: INFLAMMATION TGLs = 1-8-1			
Note: INFLAMMATION TGLs = 1-8-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 228

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041685

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Adenoma
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PRIMARY CAUSE OF DEATH

-

Animal Note: INFLAMMATION IN PHARYNX; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 229

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Moderate
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Clear Cell Focus	
		Cytologic Alterations	Mild
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Nose		Exudate	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 230

TRT#: 13

SEX: Male

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-21			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Mild
	Renal Tubule	Regeneration	Mild
Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Minimal
Note: HEPATOCLR CARC TGLs = 3-22			
Lung		Alveolar/Bronchiolar Adenoma	Multiple, Two
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 4-2-1			
Lymph Node	Mediastinal	Inflammation	Pyogranulomat, Moderate
Note: INFLAMMATION TGLs = 7-23			
Preputial Gland		Ectasia	Marked
Note: ECTASIA TGLs = 1-8-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 230

TRT#: 13
DOSE: 0.0666%

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: A87041687

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymph Follic	Hyperplasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 231

TRT#: 14

SEX: Male

DAY ON TEST: 457

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036570

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Mild

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 232

TRT#: 14

SEX: Male

DAY ON TEST: 456

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036571

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Inflammation	Minimal Chronic Active, Minimal
Lung	Hepatocyte	Vacuolization Cytoplasmic Alveolar/Bronchiolar Adenoma	Mild
Note: ALV BRON ADEN TGLs = 2-21			
Preputial Gland		Atrophy Ectasia	Moderate Moderate
Note: ATROPHY TGLs = 1-8			
Note: ECTASIA TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 233

TRT#: 14

SEX: Male

DAY ON TEST: 457

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036572

OBSERVATIONS

Liver
Lung

Hepatocyte

Cytologic Alterations
Alveolar/Bronchiolar Carcinoma
Infiltration Cellular

Minimal

Histiocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 234

TRT#: 14

SEX: Male

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036573

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations
Hepatocellular Carcinoma

Minimal

Note: HEPATOCLR CARC TGLs = 1-21,1-6

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 2-22

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 235

TRT#: 14

SEX: Male

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036574

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Minimal

Lung

Alveolar/Bronchiolar Adenoma

Note: ALV BRON ADEN TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 236

TRT#: 14

SEX: Male

DAY ON TEST: 457

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 237

TRT#: 14

SEX: Male

DAY ON TEST: 456

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036576

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 238

TRT#: 14

SEX: Male

DAY ON TEST: 456

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036577

OBSERVATIONS

Liver

Hepatocyte

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 239

TRT#: 14

SEX: Male

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node - Mesenteric

OBSERVATIONS

Liver

Clear Cell Focus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 240

TRT#: 14

SEX: Male

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036579

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 241

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Mild
		Inflammation	Suppurative, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Moderate
Pancreas		Focal Cellular Change	
		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Glandular	Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 242

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040936

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	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	
Note: BASOPH FOCUS	TGLs = 3-22		
Lung		Hyperplasia	Lymphoid, Mild
		Thrombosis	
Mammary Gland		Hyperplasia	Cystic, Mild
Note: THE HYPERPLASIA IS PRESENT ON SLIDE 21			
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Red Pulp	Hyperplasia	Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 4-4,4-4-1		
Thyroid Gland		Degeneration	Cystic, Moderate
	Follicular Cel	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: HYDROMETRA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 243

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Trachea

OBSERVATIONS

Bone
Note: THE FEMORAL SHAFT. THE THICKENED AREAS CONTAIN OSTEO-
Note: BLASTS, FIBROUS CONNECTIVE TISSUE & SOME MARROW ELEMENTS
Note: HYPEROSTOSIS CONSISTS OF THICKENING OF CORTICAL BONE IN

Hyperostosis Moderate

Brain
Kidney

Liver
Lung
Mesentery
Note: NECROSIS TGLs = 1-21

Thalamus

Renal Tubule

Fat

Mineralization
Hyperplasia
Mineralization
Regeneration
Inflammation
Lymphoma Malignant Lymphocytic
Necrosis

Mild
Lymphoid, Minimal
Minimal
Minimal
Chronic, Mild
Marked

Nose

Spleen
Stomach
Thymus
Thyroid Gland
Uterus
Note: HYPERPLASIA TGLs = 2-7

Mucosa

Glandular

Exudate
Hyperplasia
Pigmentation
Cyst
Lymphoma Malignant Lymphocytic
Degeneration
Hyperplasia

Mild
Hemosiderin, Mild

Cystic, Mild
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 244

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040938

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

INSUFFICIENT TISSUE

Ovary

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Marked
Note: ALV BRON CARC TGLs = 3-2 [Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 245

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Thymus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pituitary Gland
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Trachea

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Ovary
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Bone
Brain
Intestine Small
 Note: CARCINOMA TGLs = 4-21
Kidney

Thalamus
Jejunum

Hyperostosis
Mineralization
Carcinoma

Mild
Minimal

Liver
Lung
 Note: ALV BRON ADEN TGLs = 5-2
Nose

Lobules
Glands

Casts Protein
Cyst
Hyperplasia
Necrosis
Alveolar/Bronchiolar Adenoma
Hyperplasia
Dilatation
Exudate
Hyperplasia
Hyperplasia
Hematopoietic Cell Proliferation

Minimal
Lymphoid, Mild
Mild
Lymphoid, Mild
Minimal
Lymphoid, Minimal
Lymphoid, Minimal
Moderate

Pancreas
Salivary Glands
Spleen
 Note: HEMA CELL PROL TGLs = 3-6
Stomach
Uterus
 Note: HYPERPLASIA TGLs = 1-7
 Note: HYDROMETRA TGLs = 2-7

Glandular

Cyst
Hydrometra
Hyperplasia

Moderate
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 246

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Capsule, Cortex	Accessory Adrenal Cortical Nodule Hyperplasia	Mild
Bone Islets, Pancreatic		Hyperostosis Adenoma Hyperplasia	Marked Mild
Kidney		Cyst Hyperplasia Mineralization	Lymphoid, Mild Minimal
Liver	Renal Tubule	Regeneration Hepatocellular Carcinoma Hyperplasia	Moderate Multiple Lymphoid, Mild
Note: PORTION OF HEPATOCLR CARC ALSO ON SLIDE 6			
Note: HEPATOCLR CARC TGLs = 4-22			
Lung	Alveolar Epith Alveolar Epith	Alveolar/Bronchiolar Adenoma Hyperplasia Hyperplasia Hyperplasia Infiltration Cellular	Minimal Mild Lymphoid, Moderate Histiocyte, Moderate
Ovary		Cyst	
Pancreas		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 246	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040940
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 3-6 Stomach	Forestomach, Mucosa Forestomach	Hyperplasia Inflammation	Moderate Suppurative, Mild
Note: HYPERPLASIA TGLs = 5-4-1 Thyroid Gland Uterus		Degeneration Hyperplasia	Cystic, Minimal Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 247

TRT#: 3

SEX: Female

DAY ON TEST: 708

DOSE: 0.0%

DISP: Natural Death

HISTO: A86040941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Colon
Liver
Nose
Salivary Glands

Esophagus
Intestine Large - Rectum
Lymph Node - Mandibular
Pancreas
Skin

Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular

Intestine Large - Cecum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Trachea

MISSING

Thymus

AUTO PRECLUDES DIAG.

Gallbladder

OBSERVATIONS

Adrenal Gland
Bone

Cortex

Accessory Adrenal Cortical Nodule
Hyperostosis
Osteosarcoma

Mild

Note: THE INITIAL SITE OF THE OSTEOSARC WAS NOT FOUND

Note: HYPEROSTOSIS IS PRESENT OF SLIDE 9-1

Note: OSTEOSARC TGLs = 8-23

Bone Marrow

Angiectasis
Myelofibrosis

Marked

Marked

Brain

Thalamus

Mineralization

Moderate

Intestine Small

Duodenum

Carcinoma

Jejunum

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 7-22

Note: CARCINOMA TGLs = 6-21

Kidney

Renal Tubule

Hyperplasia
Regeneration
Congestion

Lymphoid, Minimal

Minimal

Mild

Lung

Note: CONGESTION TGLs = 9-2

Ovary

Angiectasis
Cyst

Marked

Note: CYST TGLs = 2-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 247	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Natural Death	DAY ON TEST: 708 HISTO: A86040941
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: HEMA CELL PROL TGLs = 4-6		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach, Mucosa Forestomach	Hyperplasia Inflammation	Minimal Suppurative, Minimal
Thyroid Gland		Inflammation	Chronic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Exudate Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 248

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040942

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-23			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Cyst	
Note: CYST TGLs = 3-7			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
Spleen	Lymph Follic	Hyperplasia	Mild
	Red Pulp	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Note: RED PULP CONTAINS INCREASED NUMBERS OF MONONUCLEAR CELLS			
Note: RESEMBLING LYMPHOCYTES			
Stomach	Glandular	Cyst	
	Glandular, Mucosa	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 248

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040942

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 249

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Parathyroid Gland	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver		Inflammation	Chronic, Mild
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: HYPERPLASIA	TGLs = 2-21		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
Note: HYDROMETRA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 250

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Hyperplasia	Lymphoid, Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Lobules	Necrosis	Marked
Note: NECROSIS TGLs = 2-21			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 4-2		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 3-2			
Ovary		Cyst	
Pancreas		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Angiectasis	Marked
Note: HYPERPLASIA TGLs = 1-7		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 251

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040945

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	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Fibrosis	Focal, Minimal
		Hyperplasia	Lymphoid, Mild
Mesentery		Accessory Spleen	
Note: ACCESSORY SPLEEN PRESENT ON SLIDE 7			
Pancreas		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
		Inflammation	Suppurative, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 252

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Natural Death

DAY ON TEST: 705

HISTO: A86040946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	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	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Gallbladder

OBSERVATIONS

Heart	Epicardium	Inflammation	Chronic, Minimal
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver	Centrilobular	Necrosis	Mild
Lung		Congestion	Mild
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Note: THE CYST CONTAINS MINERAL CALCULI			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Congestion	Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 3-21			
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Marked
Note: HYDROMETRA TGLs = 2-7-1			
Note: HYPERPLASIA TGLs = 2-7-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 253

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040947

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hyperplasia	Lymphoid, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Note: CYSTIC HYPERPLASIA IS ON SLIDE 21			
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Skin		Acanthosis	Mild
Note: ACANTHOSIS TGLs = 1-21			
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-7,4-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 254

TRT#: 3

SEX: Female

DAY ON TEST: 312

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86036515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Osteosarcoma	
Note: OSTEOSARC	TGLs = 2-21		
Brain	Thalamus	Mineralization	Mild
Kidney		Osteosarcoma	Metastatic (Bone)
Lung		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 3-2		
Nose	Mucosa	Adenoma	
Ovary		Osteosarcoma	Metastatic (Bone)
Uterus		Hyperplasia	Cystic, Mild
		Osteosarcoma	Metastatic (Bone)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 255

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040948

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Basophilic Focus	
	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Moderate
		Pigmentation	Mild
Note: PIGMENT IS IN MEDIAN FISSURE OF ANTERIOR CEREBRUM			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 1-21			
Ovary		Cyst	
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Spleen	Lymph Follic	Hyperplasia	Moderate
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 256

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Liver
Pancreas
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Trachea

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach

OBSERVATIONS

Bone
Brain
Kidney

Lung
Mammary Gland
Note: CYSTIC HYPERPLASIA IS ON SLIDE 21
Ovary
Note: CYST TGLs = 2-7
Thyroid Gland
Urinary Bladder
Uterus

Note: HYPERPLASIA TGLs = 4-7,4-7-1
Note: POLYP STROMAL TGLs = 3-7-1

Thalamus

Renal Tubule

Hyperostosis
Mineralization
Casts Protein
Hyperplasia
Regeneration
Inflammation
Hyperplasia

Cyst

Degeneration
Hyperplasia
Hyperplasia
Polyp Stromal

Mild
Minimal
Minimal
Lymphoid, Minimal
Minimal
Suppurative, Minimal
Cystic, Mild

Cystic, Mild
Lymphoid, Mild
Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 257

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lung
Pancreas
Skin
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Spleen

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Salivary Glands
Trachea

OBSERVATIONS

Bone
Brain
Intestine Small
Kidney

Liver

Thalamus
Ileum
Renal Tubule

Hyperostosis
Mineralization
Hyperplasia
Atrophy
Cyst
Hepatoblastoma
Hepatocellular Adenoma

Mild
Mild
Lymphoid, Mild
Minimal

Note: HEPATOCLR ADEN TGLs = 1-21
Note: HEPATOBLASTOMA TGLs = 2-22

Nose
Ovary

Glands

Dilatation
Angiectasis
Cystadenoma

Minimal
Mild

Note: CYSTADENOMA TGLs = 3-7

Stomach
Thymus
Thyroid Gland
Uterus

Glandular
Follicular Cel

Cyst
Hyperplasia
Hyperplasia
Hydrometra
Hyperplasia

Lymphoid, Mild
Minimal
Marked
Cystic, Moderate

Note: HYDROMETRA TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: o-Nitroanisole
 CAS Number: 91-23-6

Date Report Requested: 10/23/2014
 Time Report Requested: 06:23:41
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 258 TRT#: 3 SEX: Female DAY ON TEST: 731
 DOSE: 0.0% DISP: Terminal Sacrifice HISTO: A86040950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	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	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Capsule, Cortex	Carcinoma	
	Medulla	Pheochromocytoma Benign	
Note: CARCINOMA TGLs = 2-10			
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-21			
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Mild
Note: HYPERPLASIA TGLs = 1-6			
Stomach	Glandular	Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 259

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex, X-Zone	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Focal, Minimal
Bone		Hyperostosis	Mild
Kidney		Casts Protein	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mesenteric	Hyperplasia	Lymphoid, Moderate
Ovary		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: o-Nitroanisole
 CAS Number: 91-23-6

Date Report Requested: 10/23/2014
 Time Report Requested: 06:23:41
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 260 **TRT#:** 3 **SEX:** Female **DAY ON TEST:** 722
DOSE: 0.0% **DISP:** Moribund Sacrifice **HISTO:** A86040952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Moderate
Gallbladder		Dilatation	Moderate
Heart		Histiocytic Sarcoma	
Intestine Large	Cecum	Histiocytic Sarcoma	
Intestine Small	Ileum	Histiocytic Sarcoma	
Kidney		Casts Protein	Mild
		Mineralization	Mild
	Renal Tubule	Necrosis	Moderate
	Renal Tubule	Regeneration	Moderate
Liver		Hemangiosarcoma	
		Histiocytic Sarcoma	
		Infarct	Mild
	Periportal	Inflammation	Moderate
Lung		Histiocytic Sarcoma	
Lymph Node	Mandibular	Hemorrhage	Marked
	Axillary	Histiocytic Sarcoma	
	Bronchial	Histiocytic Sarcoma	
	Inguinal	Histiocytic Sarcoma	
	Lumbar	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Mammary Gland		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 260	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 722 HISTO: A86040952
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ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Histiocytic Sarcoma	
Nose	Mucosa	Degeneration	Hyaline, Mild
		Exudate	
Ovary		Cyst	
		Histiocytic Sarcoma	
Note: CYST	TGLs = 5-7		
Pancreas		Histiocytic Sarcoma	
Salivary Glands		Histiocytic Sarcoma	
Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: HEMA CELL PROL	TGLs = 6-6		
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Edema	Moderate
		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 261

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Medulla	Hyperplasia	Minimal
Bone		Hyperostosis	Mild
Bone Marrow		Lymphoma Malignant Mixed	
Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Lymphoma Malignant Mixed	
Note: HEPATOCLR CARC TGLs = 2-22			
Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	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	
Note: LYMPH MAL MIXD TGLs = 4-23			
Note: LYMPH MAL MIXD TGLs = 7-25			
Note: LYMPH MAL MIXD TGLs = 3-8			
[Lymphoma Malignant Mixed TGLS = 6-24]			
[Lymphoma Malignant Mixed TGLS = 8-2]			
Pancreas		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 261	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040587
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ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Lymphoma Malignant Mixed	
Spleen	Hematopoietic Cell Proliferation	Moderate
	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-6		
Note: HEMA CELL PROL TGLs = 5-6		
Thymus	Lymphoma Malignant Mixed	
Thyroid Gland	Degeneration	Cystic, Mild
Urinary Bladder	Lymphoma Malignant Mixed	
Uterus	Hyperplasia	Cystic, Moderate
	Lymphoma Malignant Mixed	
Note: HYPERPLASIA TGLs = 9-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 262

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Gallbladder		Dilatation	Moderate
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Ovary		Angiectasis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hemangioma	
Note: HEMANGIOMA TGLs = 1-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 263

TRT#: 3

SEX: Female

DAY ON TEST: 525

DOSE: 0.0%

DISP: Natural Death

HISTO: A86040954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain		Hydrocephalus	Minimal
	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Marked
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
	Renal	Inflammation	Suppurative, Mild
Note: HYPERPLASIA	TGLs = 5-2		
Note: HYPERPLASIA	TGLs = 4-22		
Note: HYPERPLASIA	TGLs = 3-21		
Mammary Gland		Hyperplasia	Lobular, Mild
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-7		
Pancreas		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 2-6		
Urinary Bladder	Transit Epithe	Degeneration	Ballooning, Moderate
		Edema	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 263

TRT#: 3

SEX: Female

DAY ON TEST: 525

DOSE: 0.0%

DISP: Natural Death

HISTO: A86040954

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Exudate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 264

TRT#: 3

SEX: Female

DAY ON TEST: 648

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Skin
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Parathyroid Gland
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Brain
Kidney

Stomach
Uterus
Note: HYPERPLASIA TGLs = 1-7

Thalamus

Renal Tubule
Glandular

Mineralization
Mineralization
Regeneration
Cyst
Hyperplasia

Mild
Minimal
Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 265

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040956

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Trachea		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Pigmentation	Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-21			
Lung		Hyperplasia	Lymphoid, Mild
Ovary		Angiectasis	Marked
Note: ANGIECTASIS TGLs = 1-7			
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Glandular	Carcinoma	
Note: CYTOPLASM IN SUBMUCOSA; POSSIBLY PART OF CARCINOMA			
Note: SHEETS OF ROUND UNIFORM SHAPED CELLS WITH EOSINOPHILIC			
Note: SEVIER-MUNGER STAIN NEGATIVE			
Thyroid Gland		Inflammation	Chronic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 266

TRT#: 3

SEX: Female

DAY ON TEST: 627

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Casts Protein	Minimal
		Regeneration	Mild
Liver		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Cyst	
		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 2-7		
Note: CYST	TGLs = 1-7		
Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 4-6		
Note: HEMA CELL PROL	TGLs = 4-6		
Uterus		Exudate	
		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 266	TRT#: 3	SEX: Female	DAY ON TEST: 627
	DOSE: 0.0%	DISP: Moribund Sacrifice	HISTO: A86040957

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 267

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Glandular

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Salivary Glands
Thymus

Bone Marrow
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Bone
Note: HYPEROSTOSIS PRESENT PRIMARILY IN NASAL SECTION
Kidney
Renal Tubule
Liver
Note: HEPATOCLR ADEN TGLs = 1-21
Lung
Ovary
Spleen
Lymph Follic
Note: HYPERPLASIA TGLs = 3-6
Urinary Bladder
Uterus
Note: HYPERPLASIA TGLs = 2-7

Hyperostosis
Casts Protein
Regeneration
Hepatocellular Adenoma
Hyperplasia
Angiectasis
Hyperplasia
Hyperplasia
Hyperplasia
Hyperplasia
Leiomyoma

Moderate
Minimal
Minimal
Lymphoid, Mild
Moderate
Mild
Lymphoid, Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ARTIFACT IN FORESTOMACH RESEMBLING DIVERTICULUM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 268

TRT#: 3

SEX: Female

DAY ON TEST: 564

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Clear Cell Focus	
	Cortex	Hematopoietic Cell Proliferation	Moderate
	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum	Carcinoma	
Note: CARCINOMA	TGLs = 6-21		
Kidney	Renal Tubule	Dilatation	Minimal
		Glomerulosclerosis	Mild
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Moderate
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Marked
	Kupffer Cell	Hyperplasia	Moderate
Lung		Hyperplasia	Lymphoid, Mild
		Thrombosis	
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mandibular	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
Note: HYPERPLASIA	TGLs = 8-2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 268	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 564 HISTO: A86040958
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 7-22 Nose Ovary	Glands	Dilatation Cyst Inflammation	Minimal Suppurative, Marked
Note: INFLAMMATION TGLs = 3-7-1 Note: CYST TGLs = 1-7 Pancreas Spleen		Atrophy Hematopoietic Cell Proliferation	Mild Marked
Note: HEMA CELL PROL TGLs = 5-6 Urinary Bladder Uterus		Hyperplasia Exudate Hyperplasia	Lymphoid, Mild Cystic, Mild
Note: HYPERPLASIA TGLs = 4-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 269

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Kidney
Mammary Gland
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Lung
Pancreas
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

MISSING

Brain

OBSERVATIONS

Intestine Small
Note: LYMPH MAL MIXD TGLs = 2-21

Ileum

Lymphoma Malignant Mixed

Liver
Note: HEMORRHAGE TGLs = 3-22
Note: THE INFLAMMATION IS PRIMARILY PLASMA CELL INFILTRATE

Hemorrhage
Inflammation

Mild
Chronic, Mild

Nose
Ovary
Salivary Glands
Urinary Bladder
Uterus
Note: HYPERPLASIA TGLs = 1-7

Glands

Dilatation
Adenoma
Hyperplasia
Hyperplasia
Hyperplasia

Minimal
Lymphoid, Minimal
Lymphoid, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 270

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040589

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	Thymus
Trachea			

OBSERVATIONS

Kidney		Hyperplasia	Lymphoid, Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 1-21			
Note: HEPATOCLR ADEN TGLs = 5-23			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-22			
Spleen	Lymph Follic	Hematopoietic Cell Proliferation	Moderate
		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-6			
Note: HEMA CELL PROL TGLs = 4-6			
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Mild
Note: HYDROMETRA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 271

TRT#: 3

SEX: Female

DAY ON TEST: 693

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Heart
Intestine Small - Jejunum
Nose
Skin
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Pancreas
Spleen

Esophagus
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Thymus

Gallbladder
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Trachea

MISSING

Intestine Large - Colon

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland
Bone
Brain
Intestine Small
Kidney

Liver

Cortex

Thalamus
Duodenum, Mucosa

Renal Tubule

Lobules
Hepatocyte

Hyperplasia
Hyperostosis
Mineralization
Hyperplasia
Hyperplasia
Regeneration
Eosinophilic Focus
Hepatocellular Carcinoma
Necrosis
Vacuolization Cytoplasmic

Focal, Mild
Mild
Mild
Moderate
Lymphoid, Minimal
Mild

Marked
Moderate

Note: NECROSIS TGLs = 5-23,5-6
Note: HEPATOCLR CARC TGLs = 4-22
Note: TENSION LIPIDOSIS IS ALSO SEEN

Lung

Alveolar/Bronchiolar Adenoma
Hemorrhage
Cyst

Mild

Ovary

Note: CYST TGLs = 3-7

Salivary Glands
Stomach

Glandular
Glandular
Glandular

Hyperplasia
Cyst
Edema
Erosion

Lymphoid, Minimal

Mild
Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 271	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 693 HISTO: A86040960
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ORGAN AND ACCOUNTABLE SITE STATUS

	Forestomach, Mucosa	Hyperplasia	Marked
	Forestomach	Ulcer	Mild
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 272

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Lymph Node - Mesenteric	Pituitary Gland
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OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hemorrhage	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
	Red Pulp	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-6		
Note: HYPERPLASIA	TGLs = 2-6		
Thymus		Angiectasis	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 273

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Liver	Lymph Node - Mandibular	Mammary Gland	Mesentery
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Glands	Dilatation	Minimal
Ovary		Cyst	
Note: CYST	TGLs = 2-7		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
Thyroid Gland		Inflammation	Suppurative, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: NORMAL FAT & PORTION OF OVARY ON SLIDE 21

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 274

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040963

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 2-21		
Nose	Olfactory Epi	Metaplasia	Minimal
Ovary		Angiectasis	Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS PRESENT ON SLIDE 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 275

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	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	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA IS ON SLIDE 7-2			
Kidney		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 6-21,7-22			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Note: HEMA CELL PROL TGLs = 8-5			
Note: HEMORRHAGE TGLs = 8-5			
Ovary		Cyst	
Note: TGL 1 IS ON SLIDE 7 INSTEAD OF SLIDE 7-1			
Note: CYST TGLs = 1-7			
Pancreas		Cyst	
Note: CYST TGLs = 5-7-2			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
	Glandular	Cyst	
Stomach		Degeneration	Cystic, Mild
Thyroid Gland		Angiectasis	Marked
Uterus		Hydrometra	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 275	TRT#: 3 DOSE: 0.0%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: A86040964
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ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Cystic, Marked

Note: TGL 4 IS ON SLIDE 7-1 INSTEAD OF SLIDE 7

Note: HYDROMETRA TGLs = 3-7

Note: HYPERPLASIA TGLs = 2-7,3-7

Note: ANGIECTASIS TGLs = 4-7-1

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 276

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: A86040965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Thymus

OBSERVATIONS

Brain
Kidney

Thalamus

Mineralization
Casts Protein

Mild
Minimal

Renal Tubule

Dilatation
Mineralization

Mild
Minimal

Renal Tubule

Regeneration
Eosinophilic Focus
Hepatocellular Adenoma

Mild

Liver

Note: HEPATOCLR ADEN TGLs = 5-22

Lung
Mesentery

Fat

Hyperplasia
Necrosis

Lymphoid, Minimal
Mild

Note: NECROSIS TGLs = 4-21

Nose

Glands

Dilatation
Exudate

Mild

Glands

Hyperplasia
Cyst

Mild

Ovary

Note: CYST TGLs = 1-7

Pituitary Gland
Spleen
Thyroid Gland

Pars Distalis
Lymph Follic

Hyperplasia
Hyperplasia
Degeneration
Inflammation

Minimal
Mild
Cystic, Minimal
Suppurative, Minimal

Urinary Bladder
Uterus

Hyperplasia
Hydrometra

Lymphoid, Minimal
Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 276

TRT#: 3
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A86040965

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-7
Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 277

TRT#: 3

SEX: Female

DAY ON TEST: 137

DOSE: 0.0%

DISP: Natural Death

HISTO: A85034216

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 - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Uterus		

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney	Renal Tubule	Atrophy	Moderate
		Glomerulosclerosis	Marked
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Mild
		Mineralization	Minimal
Note: GLMSCLEROSIS TGLs = 1-5			
Note: ATROPHY TGLs = 1-5			
Lung		Congestion	Moderate
[Congestion TGLS = 3-2]			
Lymph Node	Mesenteric	Depletion Cellular	Moderate
Pancreas		Cytoplasmic Alteration	Marked
Note: THE CYTOPLASMIC ALTER IS DEPLETION OF THE ZYMOGEN GRANULES.			
Spleen	Lymph Follic	Atrophy	Moderate
Stomach	Forestomach	Mineralization	Minimal
Thymus		Depletion Cellular	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 278

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
Lung		Hyperplasia	Lymphoid, Moderate
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Moderate
	Mandibular	Hyperplasia	Mast Cell, Moderate
Note: HEMA CELL PROL	TGLs = 3-5		
Note: HEMORRHAGE	TGLs = 3-5		
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Angiectasis	Marked
		Hemorrhage	Marked
		Inflammation	Granulomatous, Moderate
Note: HEMORRHAGE	TGLs = 1-7-1		
Note: ANGIECTASIS	TGLs = 1-7-1		
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-6		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 278

TRT#: 3
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A86040966

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 2-6

Thymus
Urinary Bladder
Uterus

Hyperplasia
Hyperplasia
Hyperplasia

Lymphoid, Mild
Lymphoid, Mild
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 279

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040967

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
Liver	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Regeneration	Moderate
Lung		Hyperplasia	Lymphoid, Marked
		Infiltration Cellular	Histiocyte, Marked
		Inflammation	Suppurative, Mild
Note: HYPERPLASIA TGLs = 1-2 [Hyperplasia TGLs = 1-2] [Infiltration Cellular TGLs = 1-2]			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Mild
		Exudate	
Spleen	Lymph Follic	Hyperplasia	Moderate
	Red Pulp	Hyperplasia	Moderate
Stomach	Glandular	Inflammation	Chronic, Minimal
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 280

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN	TGLs = 2-22		
Note: HEPATOCLR CARC	TGLs = 1-21		
Lung		Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
Note: CYST	TGLs = 4-7		
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-1		
Salivary Glands		Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Hemangioma	
Note: HEMANGIOMA	TGLs = 5-8-1		
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
	Forestomach, Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 280

TRT#: 3
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: A86040585

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Inflammation
Hyperplasia
Hydrometra
Hyperplasia

Chronic, Minimal
Lymphoid, Mild
Moderate
Cystic, Mild

Urinary Bladder
Uterus

Note: HYDROMETRA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 281

TRT#: 3

SEX: Female

DAY ON TEST: 630

DOSE: 0.0%

DISP: Moribund Sacrifice

HISTO: A86040968

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
	Hippocampus	Necrosis	Moderate
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 7-7-1		
Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Mild
	Renal Tubule	Regeneration	Minimal
Note: DILATATION	TGLs = 3-5		
Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: VACUOLIZ CYTO	TGLs = 5-6		
Ovary		Angiectasis	Mild
Pancreas		Cytoplasmic Alteration	Moderate
Note: CYTOPLASMIC ALTER. CONSISTS OF ZYMOGEN GRANULE DEPLETION			
Spleen	Red Pulp	Atrophy	Mild
Note: ATROPHY	TGLs = 2-6		
Stomach	Glandular	Cyst	
	Glandular	Inflammation	Subacute, Mild
Thymus		Depletion Cellular	Moderate
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 282

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040969

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA PRESENT ON SLIDE 5			
Kidney		Metaplasia	Osseous, Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 2-6			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Carcinoma	
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			
Note: CARCINOMA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 283

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040970

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Basophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 4-23,5-24			
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 2-21			
Ovary		Angiectasis	Mild
Pancreas		Cyst	
Note: CYST TGLs = 3-22			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 284

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 731

HISTO: A86040971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Eye		Cataract	Minimal
	Cornea	Hyperplasia	Marked
	Cornea	Inflammation	Chronic Active, Marked
Note: HYPERPLASIA	TGLs = 1-21		
Note: INFLAMMATION	TGLs = 1-21		
Note: CATARACT	TGLs = 1-21		
Harderian Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-22		
Note: THE CARCINOMA IS WELL DIFFERENTIATED			
Kidney		Cyst	
		Mineralization	Minimal
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Mucosa	Degeneration	Hyaline, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Exudate	
		Hyperplasia	Cystic, Minimal
Note: HYPERPLASIA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 284

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040971

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 285

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040972

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 1-21			
Note: PORTION OF HEPATOCLR ADEN IS ON SLIDE 6			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 2-22			
Nose		Exudate	
Ovary		Angiectasis	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
Note: THE CYST IS NEAR JUNCTION OF GLAND. STOMACH & FORESTOMACH			
Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 286

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Thymus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Liver
Pancreas
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin
Trachea

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Stomach - Glandular
Urinary Bladder

MISSING

Lymph Node - Mandibular

Salivary Glands

OBSERVATIONS

Bone
Brain
Kidney

Thalamus

Hyperostosis
Mineralization
Casts Protein
Hyperplasia
Regeneration
Hemorrhage
Inflammation

Marked
Minimal
Minimal
Lymphoid, Minimal
Minimal
Minimal
Suppurative, Minimal

Lung

Renal Tubule

Note: INFLAMM. & HEMORRH. ARE IN LUMEN OF SMALL AIR PASSAGES

Mammary Gland
Parathyroid Gland
Pituitary Gland

Pars Distalis
Pars Distalis

Hyperplasia
Hyperplasia
Angiectasis
Hyperplasia
Hyperplasia
Diverticulum
Exudate
Hyperplasia

Cystic, Minimal
Minimal
Mild
Moderate
Mild
Moderate
Cystic, Moderate

Spleen
Stomach
Uterus

Lymph Follic
Forestomach

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 287

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040974

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	Liver	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Lung		Hyperplasia	Lymphoid, Mild
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Congestion	Mild
	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-6		
Note: CONGESTION	TGLs = 2-6		
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 3-4-1		
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: A PORTION OF THYMUS IS ON SLIDE 5

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 288

TRT#: 3

DOSE: 0.0%

SEX: Female

DISP: Natural Death

DAY ON TEST: 722

HISTO: A86040975

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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
	Renal Tubule	Cytoplasmic Alteration	Moderate
	Renal Tubule	Dilatation	Mild
Note: CYTOPLAS ALTER CONSISTS OF PROTEIN RESORPTION DROPLETS			
Liver		Histiocytic Sarcoma	
Lung		Histiocytic Sarcoma	
Lymph Node	Iliac	Histiocytic Sarcoma	
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
Mammary Gland		Hyperplasia	Lobular, Mild
		Hyperplasia	Cystic, Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 7-6			
Stomach	Glandular	Erosion	Mild
Note: EROSION TGLs = 9-4-1			
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 5-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:41
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 288	TRT#: 3	SEX: Female	DAY ON TEST: 722
	DOSE: 0.0%	DISP: Natural Death	HISTO: A86040975

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:41

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 289

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Spleen

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Trachea

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Salivary Glands

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin

MISSING

Thymus

OBSERVATIONS

Brain
Kidney
Liver

Thalamus

Mineralization
Mineralization
Eosinophilic Focus
Hepatocellular Adenoma

Moderate
Minimal

Note: HEPATOCLR ADEN TGLs = 2-21
Lung

Alveolar/Bronchiolar Adenoma
Hyperplasia
Hemorrhage
Angiectasis
Cyst

Lymphoid, Mild
Mild
Mild

Lymph Node
Ovary

Mesenteric

Note: CYST TGLs = 1-7
Pancreas
Pituitary Gland

Hyperplasia
Angiectasis
Hyperplasia
Cyst
Hyperplasia
Inflammation

Lymphoid, Minimal
Minimal
Minimal
Mild
Suppurative, Mild

Stomach

Pars Distalis
Pars Distalis
Glandular
Forestomach, Mucosa
Forestomach

Note: HYPERPLASIA TGLs = 3-4-1
Thyroid Gland

Degeneration
Hyperplasia
Hyperplasia

Cystic, Minimal
Minimal
Lymphoid, Minimal

Urinary Bladder

Follicular Cel

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 289

TRT#: 3
DOSE: 0.0%

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: A86040976

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 290

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 0.0%

DISP: Terminal Sacrifice

HISTO: A86040977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Salivary Glands
Thymus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Skin
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Spleen

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach

OBSERVATIONS

Bone
Brain
Kidney

Nose
Ovary
Pituitary Gland

Thalamus

Renal Tubule
Mucosa

Pars Intermed
Pars Distalis

Hyperostosis
Mineralization
Mineralization
Regeneration
Degeneration
Cyst
Adenoma
Hyperplasia

Mild
Moderate
Minimal
Minimal
Hyaline, Minimal

Moderate

Note: ADENOMA TGLs = 2-1

Stomach

Glandular

Cyst

Note: THE CYST IS IN THE FUNDIC PORTION OF THE STOMACH

Thyroid Gland

Follicular Cel

Adenoma
Degeneration
Hyperplasia
Hyperplasia

Cystic, Moderate
Lymphoid, Mild
Cystic, Minimal

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Adrenal Gland
Brain
Kidney
Liver
Nose
Uterus

Cortex, Subcapsular
Thalamus

Mucosa

Hyperplasia
Mineralization
Inflammation
Inflammation
Degeneration
Hyperplasia

Minimal
Mild
Chronic, Minimal
Chronic Active, Mild
Hyaline, Minimal
Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

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

Lung

Lymph Node - Mandibular

Lymph Node - Mesenteric

Mammary Gland

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thymus

Trachea

Urinary Bladder

OBSERVATIONS

Adrenal Gland

Cortex, Subcapsular

Hyperplasia

Mild

Bone

Femur

Hyperostosis

Mild

Brain

Thalamus

Mineralization

Moderate

Kidney

Inflammation

Chronic, Minimal

Liver

Inflammation

Chronic Active, Minimal

Nose

Mucosa

Degeneration

Hyaline, Minimal

Thyroid Gland

Degeneration

Cystic, Mild

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 293	TRT#: 4	SEX: Female	DAY ON TEST: 457
	DOSE: 0.0% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036518

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	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

Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Cyst	
		Hyperplasia	Moderate
Kidney		Inflammation	Chronic, Minimal
Uterus		Exudate	
		Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 294	TRT#: 4	SEX: Female	DAY ON TEST: 457
	DOSE: 0.0% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036519

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	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spinal Cord	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036520

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
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Trachea		

MISSING

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Mild
Liver		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Minimal
Stomach	Glandular	Cyst	
Thymus		Cyst	
Urinary Bladder		Inflammation	Chronic, Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: THE ESOPHAGUS IS PRESENT ON SLIDE #2.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036521

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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
Urinary Bladder		Inflammation	Chronic, Minimal
Uterus		Exudate	
		Hyperplasia	Mild

Note: HYPERPLASIA TGLs = 1-7.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036523

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 - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Duodenum	Cyst	
	Duodenum	Fibrous Histiocytoma	
	Ileum, Lymphoid Tiss	Hyperplasia	Moderate
Note: CYST TGLs = 6-21			
Note: HYPERPLASIA TGLs = 8-22			
Kidney		Fibrous Histiocytoma	
	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic Active, Mild
Lung		Edema	Marked
		Fibrous Histiocytoma	
Note: FIB HISTIOCYT TGLs = 12-2			
Lymph Node	Iliac	Fibrous Histiocytoma	
	Mesenteric	Fibrous Histiocytoma	
	Renal	Fibrous Histiocytoma	
Note: FIB HISTIOCYT TGLs = 9-23			
Note: FIB HISTIOCYT TGLs = 7-5			
Note: FIB HISTIOCYT TGLs = 10-24			
Mesentery		Fibrous Histiocytoma	
Note: THE LESION IS PRESENT ON SLIDES 7 AND 10.			
Ovary		Fibrous Histiocytoma	
Note: FIB HISTIOCYT TGLs = 2-7			
Pancreas		Fibrous Histiocytoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 297	TRT#: 4	SEX: Female	DAY ON TEST: 455
	DOSE: 0.0% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036523

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIB HISTIOCYT	TGLs = 5-21			
Spleen			Fibrous Histiocytoma Hematopoietic Cell Proliferation	Mild
Note: FIB HISTIOCYT	TGLs = 4-6			
Stomach		Glandular Glandular	Fibrous Histiocytoma Inflammation	Acute, Moderate
Thymus			Fibrous Histiocytoma	
Note: FIB HISTIOCYT	TGLs = 11-25			
Thyroid Gland			Degeneration	Cystic, Mild
Urinary Bladder			Fibrous Histiocytoma	
Uterus			Fibrous Histiocytoma Hyperplasia	Cystic, Moderate
Note: FIB HISTIOCYT	TGLs = 3-7			
Note: HYPERPLASIA	TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Forestomach

Bone
Heart
Intestine Small - Duodenum
Liver
Mammary Gland
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Skin
Trachea

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Spleen

OBSERVATIONS

Adrenal Gland
Brain
Kidney
Nose
Ovary
 Note: ADENOMA TGLs = 1-7
Stomach
Thymus
Urinary Bladder
Uterus
 Note: HYPERPLASIA TGLs = 2-7

Cortex, Subcapsular
Thalamus

Mucosa

Glandular

Hyperplasia
Mineralization
Inflammation
Degeneration
Adenoma

Cyst
Cyst
Inflammation
Hyperplasia

Mild
Minimal
Chronic, Minimal
Hyaline, Mild

Chronic, Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Heart
Intestine Small - Duodenum
Lung
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Skin
Thymus

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Adrenal Gland

Brain
Intestine Small
 Note: HYPERPLASIA TGLs = 2-21
Liver
Pancreas
Uterus
 Note: HYPERPLASIA TGLs = 1-7

Cortex
Cortex, Subcapsular
Thalamus
Jejunum, Lymphoid Tiss

Hyperplasia
Hyperplasia
Mineralization
Hyperplasia

Inflammation
Atrophy
Hyperplasia

Focal, Moderate
Mild
Mild
Mild

Chronic Active, Minimal
Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: 0.0% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Thyroid Gland

OBSERVATIONS

Brain
Kidney
Liver
Lung
Nose
Uterus

Thalamus

Mucosa

Mineralization
Inflammation
Inflammation
Alveolar/Bronchiolar Adenoma
Degeneration
Hyperplasia

Mild
Chronic, Minimal
Chronic Active, Minimal

Hyaline, Minimal
Cystic, Minimal

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 301

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040978

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Metaplasia	Osseous, Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Cyst	
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 302

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040979

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC TGLs = 3-21			
Nose	Olfactory Epi	Cyst	
	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Angiectasis	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-6			
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
		Inflammation	Granulomatous, Minimal
Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 302

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040979

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Cystic, Moderate

Note: HYDROMETRA TGLs = 1-7

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 303

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

MISSING

Gallbladder

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
Lung		Degeneration	Hyaline, Mild
Nose	Mucosa	Dilatation	Mild
	Glands	Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Pancreas		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 304

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040981

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Intestine Small - Duodenum

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Moderate
	Kupffer Cell	Pigmentation	Mild
Mammary Gland		Hyperplasia	Lobular, Mild
Nose	Olfactory Epi	Cyst	
	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Ovary		Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Minimal
Stomach	Glandular	Cyst	
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 304

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040981

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 305

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040982

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Fibrosis	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hyperplasia	Lymphoid, Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: EXUDATE CONSISTS OF CELL DETRITUS & CHOLESTEROL CLEFTS			
Note: EXUDATE OCCURS IN NASAL CAVITY & LUMEN OF DILATED GLANDS			
Note: MATERIAL REPLACING SOME OF THE CELL NUCLEI			
Note: OLFACT EPITH UNDERGOING METAPLASIA CONTAINS HYLANIZED			
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 305

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040982

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hydrometra

Moderate

Hyperplasia

Cystic, Mild

Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Gallbladder		Hyperplasia	Lymphoid, Minimal
Kidney		Hyperplasia	Lymphoid, Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Squamous Cell Papilloma	
Note: PAPILOMA SQUA	TGLs = 3-4-1		
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hydrometra	Moderate
	Myometrium	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-7		
Note: HYDROMETRA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 306

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040983

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 307

TRT#: 7

SEX: Female

DAY ON TEST: 452

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86036537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Pancreas
Skin
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Ovary
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Brain
Liver
Nose

Thalamus
Hepatocyte
Mucosa
Glands
Glands
Olfactory Epi

Mineralization
Cytologic Alterations
Degeneration
Dilatation
Exudate
Hyperplasia
Metaplasia
Cyst

Mild
Minimal
Hyaline, Moderate
Mild
Moderate
Moderate

Thymus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 308

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040984

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 2-21		
Lung		Inflammation	Chronic, Minimal
Nose	Glands	Dilatation	Marked
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Spleen		Congestion	Minimal
Stomach	Forestomach	Inflammation	Chronic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: o-Nitroanisole
 CAS Number: 91-23-6

Date Report Requested: 10/23/2014
 Time Report Requested: 06:23:42
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 309 TRT#: 7 SEX: Female DAY ON TEST: 732
 DOSE: 0.600% DISP: Terminal Sacrifice HISTO: A86040985

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	Pancreas	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver		Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung		Hyperplasia	Lymphoid, Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Cyst	
Parathyroid Gland		Ectopic Thymus	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040986

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	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Moderate
	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-21		
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mesenteric	Hyperplasia	Lymphoid, Mild
Note: HEMORRHAGE	TGLs = 4-5		
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
Ovary	Olfactory Epi	Metaplasia	Moderate
		Angiectasis	Mild
		Cyst	
Note: CYST	TGLs = 2-7		
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Glandular	Cyst	
Thymus		Cyst	
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Note: UR. BLADDER CONTAINS INFUSION ARTIFACT			
Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 310

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040986

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Polyp Stromal

Cystic, Mild

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 311

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Mesentery		Hyperplasia	Lymphoid, Moderate
Note: LYMPH. HYPERPL. IS ON SLIDE 7 ADJACENT TO THE OVARY			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Pancreas		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Moderate
Uterus		Carcinoma	
		Hyperplasia	Cystic, Moderate

Note: THE CARCINOMA IS IN AN EARLY STAGE

Note: CARCINOMA TGLs = 1-7

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 312

TRT#: 7

SEX: Female

DAY ON TEST: 401

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86036538

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Minimal
Nose	Olfactory Epi	Cyst	
	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild
Skin		Acanthosis	Mild
		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 1-21,2-22		
Note: ACANTHOSIS	TGLs = 2-22		
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 313

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 732

HISTO: A86040988

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Developmental Malformation	
Note: DEVELOP MALFOR IS FOCUS OF MEDULLA WITHIN CAPSULE			
Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Moderate
Ovary		Angiectasis	Mild
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Mild
	Mucosa	Metaplasia	Squamous, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

Animal Note: A PORTION OF THYMUS IS ON SLIDE 5

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 314

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea		

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Developmental Malformation	
Note: DEVELOP MALFOR IS FOCUS OF MEDULLA WITHIN CAPSULE			
Brain	Thalamus	Mineralization	Mild
Gallbladder		Hyperplasia	Lymphoid, Minimal
Kidney		Metaplasia	Osseous, Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hyperplasia	Lymphoid, Minimal
Lung		Hyperplasia	Lymphoid, Moderate
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Olfactory Epi	Cyst	
	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 314

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040989

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 315

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040990

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
	Lobules	Hepatocellular Adenoma	
		Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 1-21			
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 316

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040991

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Metaplasia	Osseous, Moderate
Note: METAPL TGLs = 3-21			
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Kupffer Cell	Pigmentation	Minimal
Note: HEPATOCLR ADEN TGLs = 4-22,5-23			
Note: HEPATOCLR CARC TGLs = 6-24,7-25			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Angiectasis	Mild
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Moderate
Note: HYDROMETRA TGLs = 2-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 316

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040991

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 317

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040992

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 1-9		
Liver		Inflammation	Chronic, Minimal
Lung		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Thyroid Gland		Degeneration	Cystic, Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 318

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Spleen
Trachea

Bone
Heart
Intestine Small - Duodenum
Kidney
Parathyroid Gland
Stomach - Forestomach

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Glandular

OBSERVATIONS

Brain
Liver

Lung
Mammary Gland
Nose

Ovary
Note: CYST TGLs = 2-7
Salivary Glands
Thyroid Gland
Urinary Bladder
Uterus

Note: HYPERPLASIA TGLs = 1-7
Note: HYPERPLASIA TGLs = 1-7

Thalamus
Hepatocyte

Alveolar Epith

Mucosa
Glands

Glands
Olfactory Epi

Mucosa

Myometrium

Mucosa

Mineralization
Cytologic Alterations
Hyperplasia
Hyperplasia
Hyperplasia
Degeneration
Dilatation
Exudate
Hyperplasia
Metaplasia
Cyst

Atrophy
Degeneration
Hyperplasia
Dysplasia
Exudate
Hyperplasia
Hyperplasia
Metaplasia

Mild
Minimal
Lymphoid, Mild
Minimal
Cystic, Minimal
Hyaline, Mild
Moderate

Moderate
Moderate

Minimal
Cystic, Mild
Lymphoid, Minimal
Mild

Mild
Cystic, Minimal
Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 318	TRT#: 7	SEX: Female	DAY ON TEST: 732
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86040993

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EXUDATE TGLs = 3-7

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 319

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Bone		Hyperostosis	Minimal
Brain	Thalamus	Mineralization	Minimal
Gallbladder		Hyperplasia	Lymphoid, Minimal
Intestine Small	Duodenum, Mucosa	Hyperplasia	Mild
Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Hemorrhage	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Atrophy	Marked
		Cyst	
		Hyperplasia	Lymphoid, Moderate
Note: CYST	TGLs = 1-21		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 319

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040994

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 320

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040995

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	Kidney	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Mild
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Lung		Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Moderate
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
		Inflammation	Chronic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild
	Mucosa	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 321

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pituitary Gland	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Gallbladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Hepatocellular Carcinoma	
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung		Hyperplasia	Lymphoid, Mild
Nose	Olfactory Epi	Cyst	
	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Parathyroid Gland		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Sarcoma	
Stomach	Glandular	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 321

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040996

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SMALL CYST NEAR JUNCTION OF GLANDULAR & FORESTOMACH

Thyroid Gland

Degeneration

Cystic, Moderate

Inflammation

Chronic, Minimal

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 322

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	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	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Cyst	
		Mineralization	Mild
Note: LAMINATED KERATIN-LIKE MATERIAL			
Note: CYST IS IN MEDIAN FISSURE OF CEREBRUM & CONTAINS			
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Marked
	Kupffer Cell	Pigmentation	Moderate
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: RESPIRATORY EPITHELIUM			
Note: HYALINE DEGEN INVOLVES OLFACT EPITH & TO LESS EXTENT,			
Parathyroid Gland		Cyst	
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 322

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040997

ORGAN AND ACCOUNTABLE SITE STATUS

Hyperplasia

Cystic, Marked

Note: HYDROMETRA TGLs = 1-7

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 323

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040998

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	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
Nose	Mucosa	Degeneration	Hyaline, Marked
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 324

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86040999

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	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
Lung		Hyperplasia	Lymphoid, Moderate
Mesentery		Hyperplasia	Lymphoid, Moderate
	Fat	Necrosis	Mild
Note: HYPERPLASIA TGLs = 3-21			
Note: NECROSIS TGLs = 3-21			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: HYALINE DEGEN INVOLVES OLFACT & RESP EPITHELIUM			
Note: HYALINE DEGEN IS MORE PRONOUNCED IN OLFACT EPITHELIUM			
Spleen	Lymph Follic	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Moderate
Note: HYDROMETRA TGLs = 2-7			
Note: HYPERPLASIA TGLs = 1-7,2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 325

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041000

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
Lung		Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 326

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041001

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Ovary	Olfactory Epi	Metaplasia	Minimal
		Angiectasis	Moderate
		Cyst	
Note: CYST	TGLs = 1-7		
Note: ANGIECTASIS	TGLs = 1-7		
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 327

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lung		Hemorrhage	Mild
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Iliac	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 6-5			
Note: PART OF MESENTERIC LYMPH NODE IS ON SLIDE 4			
Note: LYMPH MAL LYMP TGLs = 3-8			
Note: LYMPH MAL LYMP TGLs = 7-2			
Note: LYMPH MAL LYMP TGLs = 1-21			
Note: LYMPH MAL LYMP TGLs = 5-22			
Note: LYMPH MAL LYMP TGLs = 2-8			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 327	TRT#: 7	SEX: Female	DAY ON TEST: 735
	DOSE: 0.600%	DISP: Terminal Sacrifice	HISTO: A86041002

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: HEMA CELL PROL	TGLs = 4-6		
Note: LYMPH MAL LYMP	TGLs = 4-6		
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 328

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041003

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lung		Hemorrhage	Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Ovary		Angiectasis	Mild
	Granulosa Cell	Hyperplasia	Mild
Note: ANGIECTASIS	TGLs = 1-7		
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Angiectasis	Moderate
		Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 329

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041004

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
	Glands	Exudate	
	Olfactory Epi	Hyperplasia	Moderate
		Metaplasia	Moderate
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus	Mucosa	Dysplasia	Moderate
		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 330

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Esophagus	Gallbladder	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	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

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Developmental Malformation	
	Cortex	Hyperplasia	Focal, Minimal
Bone		Hyperostosis	Mild
Bone Marrow		Myelofibrosis	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-21			
Kidney		Casts Protein	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: HEPATOCLR ADEN TGLs = 5-22			
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-5			
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 330	TRT#: 7 DOSE: 0.600%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A86041005
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Olfactory Epi	Metaplasia Lymphoma Malignant Mixed	Moderate
Spleen Note: LYMPH MAL MIXD TGLs = 2-6			
Uterus Note: HYPERPLASIA TGLs = 1-7		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 331

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041006

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
	Capsule, Cortex	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MESENTERIC LYMPH IS PRESENT ON SLIDE 7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 332

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041007

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	Lung	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Pituitary Gland

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Edema	Moderate
		Hyperplasia	Lymphoid, Mild
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Mild
		Sarcoma Stromal	

Note: SARC STROMAL TGLs = 2-7-1

Note: TGL 1 IS ON SLIDE 7 INSTEAD OF SLIDE 7-1

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 333

TRT#: 7

SEX: Female

DAY ON TEST: 710

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86041008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lung
Parathyroid Gland
Stomach - Forestomach
Uterus

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Salivary Glands
Trachea

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Skin
Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Bone		Hyperostosis	Moderate
Brain	Thalamus	Mineralization	Minimal
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-22			
Kidney		Metaplasia	Osseous, Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 4-23			
Note: HEPATOCLR ADEN ALSO IS PRESENT ON SLIDE 6			
Lymph Node	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-21			
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Angiectasis	Mild
		Hemorrhage	Mild
Spleen		Lymphoma Malignant Mixed	
Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 333

TRT#: 7

SEX: Female

DAY ON TEST: 710

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86041008

ORGAN AND ACCOUNTABLE SITE STATUS

Tissue NOS

Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 1-62

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 334

TRT#: 7

SEX: Female

DAY ON TEST: 710

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86041009

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	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Cyst	
Note: CYST	TGLs = 1-7		
Pituitary Gland	Pars Distalis	Cyst	
Stomach	Forestomach	Diverticulum	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild

Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 335

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A86041010

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN	TGLs = 4-21		
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Ovary		Angiectasis	Moderate
		Hemorrhage	Mild
	Corpus Luteum	Hyperplasia	Moderate
	Thecal Cell	Hyperplasia	Moderate
Note: ANGIECTASIS	TGLs = 1-7		
Note: HEMORRHAGE	TGLs = 1-7		
Thyroid Gland		Degeneration	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 335

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041010

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder
Uterus

Hyperplasia
Hemangioma
Hydrometra
Hyperplasia

Lymphoid, Minimal

Moderate
Cystic, Mild

Note: HYPERPLASIA TGLs = 3-7
Note: HYDROMETRA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 336

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Mild
Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hyperplasia	Lymphoid, Minimal
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Ovary		Angiectasis	Marked
		Thrombosis	
Note: THROMBUS	TGLs = 1-7		
Note: ANGIECTASIS	TGLs = 1-7		
Pancreas		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 337

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Hyperostosis	Mild
Note: HYPEROSTOSIS INVOLVES FEMUR AND CRANIUM			
Brain	Thalamus	Mineralization	Moderate
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-21			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Cyst	
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Exudate	
		Hyperplasia	Cystic, Mild
	Mucosa	Metaplasia	Squamous, Moderate
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 338

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Skin
Thymus

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

INSUFFICIENT TISSUE

Lymph Node - Mesenteric

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver	Renal Tubule	Regeneration	Minimal
	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Minimal
Lung		Hyperplasia	Lymphoid, Minimal
	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 339

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Spleen
Trachea

OBSERVATIONS

Bone
Brain
Intestine Small
Kidney

Liver
Lung
Nose

Ovary
Salivary Glands
Thyroid Gland

Uterus

Thalamus
Duodenum, Mucosa

Hepatocyte

Glands

Glands
Olfactory Epi

Follicular Cel

Hyperostosis
Mineralization
Hyperplasia
Casts Protein
Mineralization
Cytologic Alterations
Hyperplasia
Dilatation
Exudate
Hyperplasia
Metaplasia
Angiectasis
Hyperplasia
Degeneration
Hyperplasia
Hyperplasia

Moderate
Minimal
Mild
Minimal
Minimal
Minimal
Lymphoid, Mild
Mild

Moderate
Moderate
Mild
Lymphoid, Mild
Cystic, Mild
Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 340

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Note: ACC ADR COR ND CONTAINS SEVERAL SPINDLE CELLS			
Bone		Hyperostosis	Mild
Brain		Cyst	
	Thalamus	Mineralization	Mild
Note: CYST IS PARTIALLY LINED BY SQUAMOUS EPITHELIUM			
Note: CYST IS IN ANTERIOR CEREBRUM			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-6			
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 340	TRT#: 7 DOSE: 0.600%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A86041015
ORGAN AND ACCOUNTABLE SITE STATUS			
Uterus Note: HYPERPLASIA TGLs = 1-7		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 341

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Bone		Hyperostosis	Minimal
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lung		Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Metaplasia	Osseous, Moderate
Pituitary Gland	Pars Intermed	Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 342

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mandibular	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Minimal
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-4-1			
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 343

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Salivary Glands
Thyroid Gland

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Lung
Pancreas
Skin
Trachea

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular

Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pituitary Gland
Thymus

MISSING

Intestine Small - Ileum

OBSERVATIONS

Bone Marrow
Kidney
Liver

Hepatocyte

Hypercellularity
Casts Protein
Cytologic Alterations
Eosinophilic Focus

Moderate
Minimal
Minimal

Nose

Mucosa
Glands

Degeneration
Dilatation
Exudate

Hyaline, Mild
Mild

Glands
Olfactory Epi

Hyperplasia
Metaplasia
Cystadenocarcinoma

Moderate
Mild

Ovary

Note: CYSTADENOCARC TGLs = 1-7-1

Spleen
Stomach
Urinary Bladder
Uterus

Forestomach

Hematopoietic Cell Proliferation
Diverticulum
Hyperplasia
Hydrometra
Hyperplasia

Mild
Mild
Lymphoid, Mild
Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 344

TRT#: 7

SEX: Female

DAY ON TEST: 597

DOSE: 0.600%

DISP: Moribund Sacrifice

HISTO: A86041019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Lung
Pancreas
Skin
Urinary Bladder

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Thymus

OBSERVATIONS

Brain
Islets, Pancreatic
Kidney
Liver

Thalamus

Mineralization
Hyperplasia
Casts Protein
Cytologic Alterations

Mild
Mild
Minimal
Minimal
Moderate

Nose

Hepatocyte
Lobules
Olfactory Epi
Glands

Necrosis
Cyst
Dilatation
Exudate

Mild

Glands
Olfactory Epi

Hyperplasia
Metaplasia
Angiectasis

Mild
Mild
Marked

Ovary

Note: ANGIECTASIS TGLs = 2-7-1

Spleen
Stomach

Epithelium, Glandular
Glandular

Hematopoietic Cell Proliferation
Dilatation
Edema

Moderate
Mild
Mild

Thyroid Gland
Uterus

Degeneration
Hyperplasia

Cystic, Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 345

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041020

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2-21			
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 346

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041021

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Note: BE ARTIFACT			
Note: DORSAL CEREBRUM CONTAINS FOCUS OF BONE; CONSIDERED TO			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Hepatocellular Adenoma	
Liver			
Note: HEPATOCLR ADEN TGLs = 1-21			
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 347

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041022

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	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Capsule, Cortex	Hyperplasia	Mild
Kidney		Metaplasia	Osseous, Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 3-22			
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Minimal

Note: HYDROMETRA TGLs = 1-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 348

TRT#: 7

SEX: Female

DAY ON TEST: 732

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041023

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
Liver		Inflammation	Chronic, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Pancreas		Atrophy	Marked
		Cyst	
Note: CYST	TGLs = 2-21		
Note: CYST ALSO IS PRESENT ON SLIDE 7			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Glandular	Cyst	
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 349

TRT#: 7

SEX: Female

DAY ON TEST: 735

DOSE: 0.600%

DISP: Terminal Sacrifice

HISTO: A86041024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	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	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Parathyroid Gland		Ectopic Thymus	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 350

TRT#: 7

DOSE: 0.600%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 735

HISTO: A86041025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lung
Ovary
Salivary Glands
Stomach - Glandular

Adrenal Gland - Medulla
Heart
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Spleen
Trachea

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

OBSERVATIONS

Bone
Brain
Intestine Small
Kidney
Liver

Nose

Thyroid Gland

Uterus

Thalamus
Duodenum, Mucosa

Hepatocyte

Mucosa

Glands
Olfactory Epi

Hyperostosis
Mineralization
Hyperplasia
Casts Protein
Cytologic Alterations
Hepatocellular Adenoma
Degeneration
Exudate
Hyperplasia
Metaplasia
Degeneration
Inflammation
Hydrometra
Hyperplasia

Mild
Minimal
Mild
Minimal
Minimal

Hyaline, Moderate

Mild
Mild
Cystic, Moderate
Chronic, Minimal
Moderate
Cystic, Mild

Note: HYDROMETRA TGLs = 1-7

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 351

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036539

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Inflammation	Chronic, Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Thymus		Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: ISLETS PANCREATIC ARE PRESENT ON SLIDE #4.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 352

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036540

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lung	Mediastinum	Ectopic Tissue	
Note: THE ECTOPIC TISSUE IS PARATHYROID GLAND.			
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Uterus		Exudate	
		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 353

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036541

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	Kidney	Lung
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Animal Note: THE MAMMARY GLAND IS PRESENT ON SLIDE #21.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 354	TRT#: 8	SEX: Female	DAY ON TEST: 457
	DOSE: 0.600% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036542

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 355

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036543

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Inflammation	Chronic Active, Mild
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 356

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036544

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Mild
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Moderate
Urinary Bladder		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 357

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036545

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	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Liver		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Uterus		Exudate	
		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 358	TRT#: 8	SEX: Female	DAY ON TEST: 456
	DOSE: 0.600% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036546

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
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Kidney		Casts Protein	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Moderate
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Moderate
Ovary		Angiectasis	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 359

TRT#: 8

SEX: Female

DAY ON TEST: 455

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036547

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex, Subcapsular	Hyperplasia	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Moderate
	Glands	Hyperplasia	Marked
	Olfactory Epi	Metaplasia	Marked
Salivary Glands		Inflammation	Chronic, Minimal
Stomach	Glandular	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 360

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 0.600% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036548

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Inflammation	Chronic, Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Moderate
	Glands	Dilatation	Marked
	Glands	Hyperplasia	Marked
	Olfactory Epi	Metaplasia	Marked
Parathyroid Gland		Infiltration Cellular	Histiocyte, Mild
		Pigmentation	Mild
		Cyst	
		Exudate	

Note: THE PIGMENTATION IS WITHIN THE HISTIOCYTIC CELL.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 361

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041688

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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Thymus

OBSERVATIONS

Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver		Hyperplasia	Lymphoid, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal
Ovary		Angiectasis	Mild
		Cyst	
Skin		Inflammation	Chronic, Mild
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 1-6		
Stomach	Glandular	Cyst	
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 362

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041689

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Minimal
Note: EOSIN FOCUS	TGLs = 7-25		
Note: HEPATOCLR ADEN	TGLs = 3-21,4-22,6-24		
Note: HYPERPLASIA	TGLs = 5-23		
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Leiomyoma	
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 363

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041690

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	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Minimal
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Note: HEPATOCLR ADEN TGLs = 5-21			
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 4-2-1			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Olfactory Epi	Cyst	
		Exudate	
Ovary		Angiectasis	Mild
		Granulosa-Theca Tumor Benign	
[Granulosa-Theca Tumor Benign TGLS = 1-7-1]			
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 363

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041690

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Hyperplasia

Lymphoid, Minimal

Uterus

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 364

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Moderate
Brain	Thalamus	Mineralization	Mild
Gallbladder		Cyst	
Kidney	Renal Tubule	Casts Protein	Minimal
		Regeneration	Minimal
Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: CLEAR CL FOCUS	TGLs = 5-23		
Note: HEPATOCLR ADEN	TGLs = 4-22,6-24		
Lung		Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Cyst	
Note: CYST	TGLs = 3-7-1		
Skin		Acanthosis	Mild
		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-21		
Note: ACANTHOSIS	TGLs = 1-21		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 364

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041691

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Glandular

Cyst

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 365

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Gallbladder	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Intestine Large	Colon	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-22			
Kidney		Casts Protein	Minimal
		Lymphoma Malignant Mixed	
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 1-8			
Note: LYMPH MAL MIXD TGLs = 4-21			
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Salivary Glands		Lymphoma Malignant Mixed	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
Note: HEMA CELL PROL TGLs = 3-6			
Note: LYMPH MAL MIXD TGLs = 3-6			
Stomach	Glandular	Erosion	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 365

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041692

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 366

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041693

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2-21,3-22			
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
Ovary		Cyst	
Pancreas		Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Intermed	Adenoma	
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Glandular	Cyst	
Uterus		Exudate	
		Hydrometra	Marked
		Hyperplasia	Cystic, Mild

Note: HYDROMETRA TGLs = 1-7,1-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 367

TRT#: 11

SEX: Female

DAY ON TEST: 664

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041694

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	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Pigmentation	Moderate
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple

Note: ONE HEPATOCLR ADEN ON SLIDE 6

Note: HEPATOCLR ADEN TGLs = 2-21,4-23

Note: HEPATOBLASTOMA TGLs = 3-22

Note: THREE HEPATOCLR ADENS ON SLIDE 21

Lung		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Cyst	
Thymus	Epithel Cell	Hyperplasia	Minimal
Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Mild

Note: HYDROMETRA TGLs = 1-7

Note: HYPERPLASIA TGLs = 1-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 367

TRT#: 11

SEX: Female

DAY ON TEST: 664

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041694

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: URINARY BLADDER HAS INFUSION ARTIFACT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 368

TRT#: 11

SEX: Female

DAY ON TEST: 539

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041695

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	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
Bone Marrow		Hypercellularity	Marked
Brain	Thalamus	Mineralization	Minimal
Heart	Epicardium	Inflammation	Suppurative, Moderate
Kidney	Renal Tubule	Casts Protein	Minimal
	Renal Tubule	Cytoplasmic Alteration	Moderate
		Dilatation	Mild
		Glomerulosclerosis	Minimal
Note: CYTOPLAS ALTER TGLs = 7-5			
Note: DILATATION TGLs = 7-5			
Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Marked
		Mineralization	Moderate
Note: MINERALIZATION TGLs = 9-21			
Note: HEMA CELL PROL TGLs = 8-6			
Lung		Leukocytosis	Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hemorrhage	Moderate
	Iliac	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Lymphoid, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Inflammation	Suppurative, Marked
Note: HEMORRHAGE TGLs = 10-5			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 368

TRT#: 11

SEX: Female

DAY ON TEST: 539

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041695

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 10-5
Note: HEMA CELL PROL TGLs = 10-5
Note: HYPERPLASIA TGLs = 11-22
Note: HYPERPLASIA TGLs = 13-2
Note: HYPERPLASIA TGLs = 12-23
Note: INFLAMMATION TGLs = 13-2

Mammary Gland

Hyperplasia
Inflammation

Cystic, Minimal
Chronic, Mild

Nose

Mucosa

Degeneration
Exudate

Hyaline, Minimal

Ovary

Glands

Hyperplasia
Cyst
Hemorrhage
Inflammation

Minimal
Moderate
Suppurative, Marked

Note: HEMORRHAGE TGLs = 5-7
Note: INFLAMMATION TGLs = 4-7-1
Note: CYST TGLs = 5-7

Salivary Glands

Hyperplasia

Lymphoid, Mild

Skin

Subcut Tiss

Acanthosis
Edema

Minimal
Mild

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 6-6

Thyroid Gland

Degeneration

Cystic, Moderate

Tissue NOS

Bacterium

Marked

Note: INFLAMMATION TGLs = 3-63

Note: BACTERIUM TGLs = 3-63

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MESENTERIC INFLAMMATION ON SLIDES 4,5,& 10; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 369

TRT#: 11

SEX: Female

DAY ON TEST: 722

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone Marrow		Angiectasis	Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Mild
	Lobules	Necrosis	Minimal
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Pancreas		Cytoplasmic Alteration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-1		
Spleen	Lymph Follic	Atrophy	Mild
	Red Pulp	Atrophy	Mild
		Pigmentation	Hemosiderin, Moderate
Note: ATROPHY	TGLs = 3-6		
Note: ATROPHY	TGLs = 3-6		
Stomach	Glandular	Cyst	
	Glandular	Edema	Mild
	Glandular	Erosion	Moderate
Note: EROSION	TGLs = 7-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 369

TRT#: 11

SEX: Female

DAY ON TEST: 722

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041696

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Depletion Cellular

Moderate

Uterus

Exudate

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 370

TRT#: 11

SEX: Female

DAY ON TEST: 539

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Mammary Gland
Salivary Glands
Trachea

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Pancreas
Skin
Urinary Bladder

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Parathyroid Gland
Stomach - Forestomach
Uterus

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Pituitary Gland
Thyroid Gland

OBSERVATIONS

Bone Marrow
Brain
Intestine Small
Note: LYMPH MAL MIXD TGLs = 5-22
Kidney

Thalamus
Jejunum

Hypercellularity
Mineralization
Lymphoma Malignant Mixed

Moderate
Minimal

Liver

Renal Tubule
Hepatocyte

Casts Protein
Cyst
Cytoplasmic Alteration
Cytologic Alterations
Inflammation

Minimal
Marked
Minimal
Chronic, Moderate

Lung
Lymph Node

Bronchial
Iliac
Mandibular
Mesenteric
Renal

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Note: LYMPH MAL MIXD TGLs = 7-24
Note: LYMPH MAL MIXD TGLs = 4-21
Note: LYMPH MAL MIXD TGLs = 1-8
Note: LYMPH MAL MIXD TGLs = 6-23

Nose

Mucosa
Glands

Degeneration
Hyperplasia
Cyst

Hyaline, Minimal
Minimal

Ovary

Note: CYST TGLs = 2-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 370	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 539 HISTO: A87041697
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ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
Note: HEMA CELL PROL	TGLs = 3-6		
Note: LYMPH MAL MIXD	TGLs = 3-6		
Stomach	Glandular	Cyst	
Thymus		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 8-25		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 371

TRT#: 11

SEX: Female

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041698

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	Lung	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney		Lymphoma Malignant Mixed	
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Hyperplasia	Lymphoid, Mild
		Lymphoma Malignant Mixed	
Note: LYMPHOMA PRESENT ON SLIDES 21 AND 24			
Note: HEPATOCLR ADEN TGLs = 4-23,5-24,7-26			
Note: HEPATOCLR CARC TGLs = 2-21,3-22,6-25			
Lymph Node	Mesenteric	Hemorrhage	Mild
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 10-2-1			
[Lymphoma Malignant Mixed TGLS = 8-5]			
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 9-7			
Pancreas		Lymphoma Malignant Mixed	
Spleen		Congestion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 371	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A87041698
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ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant Mixed Pigmentation	Hemosiderin, Mild
Note: LYMPH MAL MIXD TGLs = 1-6			
Thymus		Lymphoma Malignant Mixed	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate
	Mucosa	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 372

TRT#: 11

SEX: Female

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Spleen

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Thymus

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Skin
Trachea

OBSERVATIONS

Bone
Brain
Kidney
Liver

Thalamus

Hepatocyte

Hyperostosis
Mineralization
Hyperplasia
Clear Cell Focus
Cytologic Alterations
Hepatocellular Adenoma

Mild
Moderate
Lymphoid, Minimal
Minimal

Note: HEPATOCLR ADEN TGLs = 1-21

Lung
Lymph Node
Nose

Mesenteric
Mucosa
Glands

Glands
Olfactory Epi

Salivary Glands
Stomach
Thyroid Gland
Urinary Bladder

Forestomach

Hyperplasia
Hematopoietic Cell Proliferation
Degeneration
Dilatation
Exudate
Hyperplasia
Metaplasia
Hyperplasia
Squamous Cell Papilloma
Degeneration
Hyperplasia

Lymphoid, Mild
Mild
Hyaline, Minimal
Mild
Mild
Minimal
Lymphoid, Minimal
Cystic, Minimal
Lymphoid, Minimal

Note: INFUSION ARTIFACT IN BLADDER

Uterus

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 373

TRT#: 11

SEX: Female

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041700

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	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Mesenteric	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Kidney		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 2-21			
Lung		Hyperplasia	Lymphoid, Mild
Spleen	Red Pulp	Hyperplasia	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 374

TRT#: 11

SEX: Female

DAY ON TEST: 445

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A86036559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
Nose	Glands	Dilatation	Minimal
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin		Ulcer	Marked
Note: ULCER	TGLs = 3-22		
Thymus		Depletion Cellular	Mild
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 375

TRT#: 11

SEX: Female

DAY ON TEST: 539

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Atrophy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Hyperplasia	Lymphoid, Moderate
Note: LYMPHOID HYPERPLASIA INVOLVES MAINLY MEDIASTINUM			
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Moderate
Note: HYPERPLASIA	TGLs = 7-22		
Note: HYPERPLASIA	TGLs = 6-21		
Note: HYPERPLASIA	TGLs = 8-2-1		
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-7-1		
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-6		
Stomach	Forestomach	Diverticulum	Moderate
	Forestomach	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 375	TRT#: 11	SEX: Female	DAY ON TEST: 539
	DOSE: 0.200%	DISP: Moribund Sacrifice	HISTO: A87041701

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Degeneration	Cystic, Mild
Uterus	Exudate	
	Hyperplasia	Cystic, Mild

Note: EXUDATE TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 376

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041702

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hydrometra

Marked

Hyperplasia

Cystic, Moderate

Note: HYDROMETRA TGLs = 3-7-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 377

TRT#: 11

SEX: Female

DAY ON TEST: 704

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
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	Moderate
		Lymphoma Malignant Lymphocytic	
Brain	Thalamus	Mineralization	Mild
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
		Mineralization	Mild
Note: LYMPH MAL LYMP TGLs = 6-23			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Lymphocytic	
	Lobules	Necrosis	Mild
Note: HEPATOCLR ADEN TGLs = 7-24,8-25,9-26			
Note: LYMPH MAL LYMP TGLs = 10-27			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 11-2			
Lymph Node	Iliac	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 14-30			
Note: LYMPH MAL LYMP TGLs = 13-29			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 377

TRT#: 11

SEX: Female

DAY ON TEST: 704

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041703

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP	TGLs = 4-21		
Note: LYMPH MAL LYMP	TGLs = 15-2,12-28		
Mesentery	Fat	Hemorrhage	Moderate
		Lymphoma Malignant Lymphocytic	
	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 5-22		
Note: HEMORRHAGE	TGLs = 5-22		
Note: LYMPH MAL LYMP	TGLs = 5-22		
Note: LYMPHOMA ALSO IN MESENTERY ON SLIDES 4,7 & 10			
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
Ovary		Lymphoma Malignant Lymphocytic	
Pancreas		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
Note: HEMA CELL PROL	TGLs = 3-6		
Note: LYMPH MAL LYMP	TGLs = 3-6		
Thymus		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Mild
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-7		
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 378

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Trachea

OBSERVATIONS

Brain
Harderian Gland
Kidney

Thalamus

Mineralization
Adenoma
Hyperplasia
Mineralization
Cytologic Alterations
Eosinophilic Focus
Hepatocellular Adenoma
Hyperplasia

Minimal
Lymphoid, Mild
Minimal
Minimal
Multiple
Lymphoid, Moderate

Note: LYMPHOID HYPERPLASIA PRESENT ON SLIDE 22

Note: HEPATOCLR ADEN TGLs = 3-21,4-22,5-23,7-24

Lung

Alveolar/Bronchiolar Adenoma
Hemorrhage
Hyperplasia

Multiple, Two
Minimal
Lymphoid, Mild

Note: ALV BRON ADEN TGLs = 6-2

Nose

Glands
Glands

Dilatation
Hyperplasia
Cyst
Hyperplasia

Minimal
Minimal

Ovary

Note: CYST TGLs = 1-7

Pancreas
Spleen

Lymph Follic

Hyperplasia
Hyperplasia
Pigmentation

Lymphoid, Minimal
Mild
Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 378	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A87041704
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ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Cyst	
Note: CYST NEAR JUNCTION OF GLANDULAR & FORESTOMACH			
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Lymphoid, Minimal
		Hyperplasia	Cystic, Marked
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 379

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041705

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	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
Liver		Histiocytic Sarcoma	
Lung		Histiocytic Sarcoma	
	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Moderate
	Mandibular	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
	Mesenteric	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
Note: HEMORRHAGE	TGLs = 2-5		
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
Pancreas		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
Note: HEMA CELL PROL	TGLs = 5-6		
Thymus		Histiocytic Sarcoma	
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 379

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041705

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Animal Note: ARTIFACT IN PITUITARY GLAND RESEMBLES CYST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 380

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pituitary Gland
Thymus

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Skin
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Stomach - Forestomach
Trachea

MISSING

Ovary

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Atrophy	Minimal
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Mild
Note: HEPATOCLR ADEN TGLs = 2-21,3-22,4-23			
Note: SLIDES 21 & 22 EACH HAVE TWO HEPATOCLR ADENOMAS			
Lung		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Moderate
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
Pancreas		Atrophy	Minimal
		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-6			
Uterus		Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 380	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A87041706
ORGAN AND ACCOUNTABLE SITE STATUS			
		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 381

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041707

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Moderate
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 2-21,3-22			
Note: TWO HEPATOCLR ADENOMAS ON SLIDE 6 & TWO ON SLIDE 22			
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Moderate
		Inflammation	Chronic, Moderate
		Mineralization	Moderate
		Necrosis	Moderate

Note: HYPERPLASIA TGLs = 1-7

Note: HYDROMETRA TGLs = 1-7

Note: INFLAMMATION INCLUDES SEVERAL PIGMENT LADEN MACROPHAGES

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 382

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041708

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Minimal
Note: HEPATOCLR ADEN TGLs = 2-22			
Note: CLEAR CL FOCUS TGLs = 1-21			
Nose	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen	Red Pulp	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 383

TRT#: 11

SEX: Female

DAY ON TEST: 702

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Gallbladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland Note: PHEOCHROM MAL TGLs = 2-21	Medulla	Pheochromocytoma Malignant	
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver Note: HEPATOCLR ADEN TGLs = 5-23	Centrilobular	Hepatocellular Adenoma	
		Necrosis	Moderate
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Uterus Note: HYPERPLASIA TGLs = 1-7		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 383

TRT#: 11

SEX: Female

DAY ON TEST: 702

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041709

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 384	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 735 HISTO: A87041710
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mesenteric	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
Lung		Hyperplasia	Lymphoid, Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Nose	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal
Pancreas		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 3-4-1			
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 385

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041711

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Cyst	
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 5-23,6-24,7-25			
Nose	Mucosa	Degeneration	Hyaline, Mild
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Red Pulp	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Exudate	
		Hyperplasia	Cystic, Mild

Note: EXUDATE TGLs = 4-7

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 386

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041712

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	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Note: HYPERPLASIA IS ON SLIDE 5			
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-22,4-23			
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 387

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041713

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	Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Basophilic Focus	
Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Mild
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Mixed	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 4-7-1			
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Intermed	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-6			
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 388

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Spleen

Bone Marrow
Heart
Intestine Small - Duodenum
Lung
Parathyroid Gland
Thymus

Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pituitary Gland
Trachea

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Skin
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Bone
Kidney

Cortex

Accessory Adrenal Cortical Nodule
Hyperostosis
Casts Protein
Regeneration
Hepatocellular Adenoma
Inflammation

Moderate
Minimal
Minimal
Multiple
Chronic, Minimal

Note: HEPATOCLR ADEN TGLs = 3-21,5-22

Note: ONE HEPATOCLR ADEN HAS MODERATE CELLULAR PLEOMORPHISM

Nose

Glands

Dilatation
Exudate

Minimal

Glands

Olfactory Epi

Hyperplasia
Metaplasia
Cyst

Minimal
Minimal

Ovary

Note: CYST TGLs = 1-7

Pancreas

Salivary Glands

Stomach

Glandular

Forestomach

Hyperplasia
Hyperplasia
Cyst
Squamous Cell Papilloma

Lymphoid, Minimal
Lymphoid, Minimal

Note: PAPILOMA SQUA TGLs = 4-4,4-4-1

Thyroid Gland

Uterus

Degeneration
Hyperplasia
Polyp Stromal

Cystic, Minimal
Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 388

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041714

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 389

TRT#: 11

SEX: Female

DAY ON TEST: 564

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone		Osteosarcoma	
Note: OSTEOSARC	TGLs = 1-21		
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Mild
		Hyperplasia	Lymphoid, Minimal
Liver		Hepatocellular Adenoma	
		Osteosarcoma	Metastatic (Bone)
Note: HEPATOCLR ADEN	TGLs = 3-22		
Note: OSTEOSARC	TGLs = 3-22,6-24		
Lung		Hyperplasia	Lymphoid, Mild
		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 4-2		
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary		Angiectasis	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASTIC LYMPHOID TISSUE, SLIDE 4; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
 Test Type: CHRONIC
 Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: o-Nitroanisole
 CAS Number: 91-23-6

Date Report Requested: 10/23/2014
 Time Report Requested: 06:23:42
 First Dose M/F: NA / NA
 Lab: SRI

ANIMAL ID: 390 **TRT#:** 11 **SEX:** Female **DAY ON TEST:** 686
DOSE: 0.200% **DISP:** Natural Death **HISTO:** A87041716

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	Parathyroid Gland	Pituitary Gland	Stomach - Forestomach
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Lymphocytic	
	Medulla	Lymphoma Malignant Lymphocytic	
Bone Marrow		Lymphoma Malignant Lymphocytic	
Brain		Lymphoma Malignant Lymphocytic	
	Thalamus	Mineralization	Mild
[Mineralization TGLS = 16-1]			
Gallbladder		Lymphoma Malignant Lymphocytic	
Heart		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 9-6		
Note: HEPATOCLR ADEN	TGLs = 10-25,11-26		
Note: HEPATOCLR CARC	TGLs = 12-27		
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Inguinal	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 14-29		
Note: LYMPH MAL LYMP	TGLs = 3-22		
Note: LYMPH MAL LYMP	TGLs = 4-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 390

TRT#: 11

SEX: Female

DAY ON TEST: 686

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041716

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL LYMP	TGLs = 4-23			
Note: LYMPH MAL LYMP	TGLs = 2-8			
Mammary Gland			Lymphoma Malignant Lymphocytic	
Mesentery			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 13-28			
Nose		Olfactory Epi	Cyst	
		Glands	Dilatation	Minimal
			Exudate	
		Glands	Hyperplasia	Minimal
Ovary			Lymphoma Malignant Lymphocytic	
Pancreas			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 8-7			
Salivary Glands			Lymphoma Malignant Lymphocytic	
Skin			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-24			
Spleen			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 7-6			
Stomach		Glandular	Lymphoma Malignant Lymphocytic	
Thymus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 15-30			
Thyroid Gland			Degeneration	Cystic, Mild
Urinary Bladder			Lymphoma Malignant Lymphocytic	
Uterus			Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 391

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041717

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	

OBSERVATIONS

Brain	Thalamus	Mineralization	Moderate
Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hyperplasia	Lymphoid, Minimal
Lung		Hyperplasia	Lymphoid, Moderate
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Cyst	
Note: CYST	TGLs = 2-7-1		
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Thyroid Gland		Inflammation	Chronic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Moderate

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 392

TRT#: 11

SEX: Female

DAY ON TEST: 603

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041718

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
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Dilatation	Minimal
	Glomerulus	Hyperplasia	Mild
	Renal Tubule	Regeneration	Minimal
Note: GLOMERULI APPEAR TO BE HYPERCELLULAR			
Liver		Hematopoietic Cell Proliferation	Moderate
	Kupffer Cell	Hyperplasia	Moderate
Lung		Inflammation	Suppurative, Moderate
Note: INFLAMMATION IS IN THE MEDIASTINUM			
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 4-2-1			
Note: HYPERPLASIA TGLs = 4-2-1			
Note: HYPERPLASIA TGLs = 5-21			
Note: HYPERPLASIA TGLs = 6-22			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 392	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 603 HISTO: A87041718
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ORGAN AND ACCOUNTABLE SITE STATUS			
Nose	Glands	Dilatation Exudate	Mild
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 2-7-1			
Pancreas		Atrophy Hyperplasia	Minimal Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 3-6			
Stomach	Glandular	Cyst	
Thymus		Depletion Cellular	Mild
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Exudate Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 393

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Ileum	Lymphoma Malignant Mixed	
Kidney		Cyst	
Liver		Hyperplasia	Lymphoid, Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: HEPATOCLR ADEN	TGLs = 3-22,4-23		
Note: HEPATOCLR CARC	TGLs = 2-21		
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Ovary		Angiectasis	Moderate
		Cyst	
Note: ANGIECTASIS	TGLs = 5-7-1		
Pancreas		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
	Forestomach	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 393

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041719

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Angiectasis	Mild
Thyroid Gland	Degeneration	Cystic, Minimal
Urinary Bladder	Hyperplasia	Lymphoid, Minimal
Uterus	Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Trachea

OBSERVATIONS

Bone		Hyperostosis	Moderate
Note: THICKENED BONE CONTAINS MYELOFIBROTIC MARROW			
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
Note: HEPATOCLR CARC TGLs = 2-21			
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Mild
	Forestomach	Squamous Cell Papilloma	
Note: HYPERPLASIA TGLs = 4-4-1			
Note: PAPILLOMA SQUA TGLs = 4-4-1			
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Uterus		Hyperplasia	Cystic, Marked
	Mucosa	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 394

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041720

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYSTIC HYPERPLASIA ON SLIDE 7 INSTEAD OF 7-1

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 395

TRT#: 11

SEX: Female

DAY ON TEST: 721

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lymph Node - Mandibular	Mammary Gland
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Gallbladder	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Lobules	Necrosis	Mild
Note: HEPATOCLR CARC IS WELL DIFFERENTIATED			
Note: HEPATOCLR CARC TGLs = 2-22			
Note: HEPATOCLR ADEN TGLs = 1-21,4-23			
Lung		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Minimal
Pancreas		Cytoplasmic Alteration	Marked
Spleen		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 395	TRT#: 11	SEX: Female	DAY ON TEST: 721
	DOSE: 0.200%	DISP: Natural Death	HISTO: A87041721

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Depletion Cellular	Mild
Thyroid Gland	Follicle	Cyst	
Note: CYST	TGLs = 3-3		
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 396

TRT#: 11

SEX: Female

DAY ON TEST: 700

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lymph Node - Mandibular
Skin
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Mammary Gland
Stomach - Glandular

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Pancreas
Thyroid Gland

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Trachea

MISSING

Ovary Pituitary Gland

OBSERVATIONS

Bone Marrow
Brain
Intestine Small
Note: LYMPH MAL LYMP TGLs = 4-22
Kidney
Liver

Thalamus
Jejunum

Lymphoma Malignant Lymphocytic
Mineralization
Lymphoma Malignant Lymphocytic
Metaplasia
Hepatocellular Adenoma
Lymphoma Malignant Lymphocytic

Mild

Osseous, Mild
Multiple

Note: HEPATOCLR ADEN TGLs = 5-23,6-24,7-25
Note: LYMPH MAL LYMP TGLs = 8-26

Lung
Lymph Node
Note: MESENTERIC LYMPH NODE ON SLIDE 21

Mesenteric

Hyperplasia
Lymphoma Malignant Lymphocytic

Lymphoid, Mild

Mesentery
Note: LYMPH MAL LYMP TGLs = 3-21

Lymphoma Malignant Lymphocytic

Nose
Mucosa
Glands
Olfactory Epi

Degeneration
Dilatation
Metaplasia

Hyaline, Minimal
Minimal
Minimal

Salivary Glands
Spleen
Stomach
Note: PAPILOMA SQUA TGLs = 10-4-1

Hyperplasia
Lymphoma Malignant Lymphocytic
Squamous Cell Papilloma

Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 396

TRT#: 11

SEX: Female

DAY ON TEST: 700

DOSE: 0.200%

DISP: Natural Death

HISTO: A87041722

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 9-27

Tissue NOS

Lymphoma Malignant Lymphocytic

Note: LYMPH MAL LYMP TGLs = 1-63

Uterus

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 397

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Glandular

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Mammary Gland
Pituitary Gland
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Trachea

Esophagus
Intestine Large - Colon
Lymph Node - Mandibular
Ovary
Skin

OBSERVATIONS

Bone
Brain
Intestine Small
Islets, Pancreatic
Kidney

Liver

Thalamus
Ileum

Hyperostosis
Mineralization
Inflammation
Hyperplasia
Casts Protein
Hyperplasia
Hepatocellular Adenoma
Hyperplasia

Mild
Mild
Pyogranulomat, Moderate
Minimal
Minimal
Lymphoid, Mild
Multiple
Lymphoid, Minimal

Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6

Note: HEPATOCLR ADEN TGLs = 2-21,3-22

Lung
Pancreas
Spleen

Stomach
Thyroid Gland
Urinary Bladder
Uterus

Lymph Follic
Forestomach, Mucosa

Infiltration Cellular
Hyperplasia
Hematopoietic Cell Proliferation
Hyperplasia
Hyperplasia
Degeneration
Hyperplasia
Angiectasis
Hyperplasia

Histiocyte, Minimal
Lymphoid, Mild
Minimal
Mild
Minimal
Cystic, Minimal
Lymphoid, Minimal
Mild
Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 398

TRT#: 11

SEX: Female

DAY ON TEST: 711

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Harderian Gland		Adenoma	
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Hyperplasia	Lymphoid, Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Hyperplasia	Lymphoid, Minimal
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
Note: HEPATOCLR ADEN TGLs = 7-23,8-24,9-25			
Note: HEPATOCLR CARC TGLs = 5-21,6-22			
Note: HEPATOBLASTOMA ON SLIDE 25 WITHIN HEPATOCLR ADENOMA			
Lung		Hyperplasia	Lymphoid, Minimal
Nose	Glands	Dilatation	Mild
		Exudate	
	Glands	Hyperplasia	Minimal
Ovary		Cyst	
Note: CYST TGLs = 2-7,3-7			
Note: WALL OF CYST HAS SEVERAL PAPILLARY PROJECTIONS			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Red Pulp	Atrophy	Minimal
		Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 398

TRT#: 11

SEX: Female

DAY ON TEST: 711

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041724

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 4-6
Thyroid Gland
Urinary Bladder
Uterus

Degeneration
Hyperplasia
Hydrometra
Hyperplasia

Cystic, Minimal
Lymphoid, Minimal
Moderate
Cystic, Mild

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 399

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver		Hepatocellular Adenoma	
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Mild
	Glands	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Acanthosis	Mild
Note: ACANTHOSIS TGLs = 1-21			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

Animal Note: ARTIFACT IN OVARY; RESEMBLES CYST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 400

TRT#: 11

SEX: Female

DAY ON TEST: 708

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hypercellularity	Marked
Brain	Thalamus	Mineralization	Mild
Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 5-21,6-22,7-23			
Note: HEPATOCLR ADEN PRESENT ON SLIDE 6			
Lung	Bronchiole, Epithelium	Proliferation	Minimal
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Marked
	Mediastinal	Hyperplasia	Plasma Cell, Moderate
	Mesenteric	Hyperplasia	Plasma Cell, Moderate
	Renal	Hyperplasia	Plasma Cell, Marked
	Mesenteric	Inflammation	Suppurative, Moderate
Note: HYPERPLASIA TGLs = 9-25			
Note: HYPERPLASIA TGLs = 10-2			
Note: MESENTERIC L. NODE IS ON SLIDE 7-1			
Note: HYPERPLASIA TGLs = 8-24			
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 400	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 708 HISTO: A87041726
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 1-7-1,2-7-1 Note: INFLAMMATION PRESENT ALSO ON SLIDES 4,8 & 10			
Nose	Glands	Dilatation	Minimal
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION TGLs = 1-7-1,2-7-1			
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL TGLs = 4-6			
Stomach	Forestomach, Mucosa Forestomach	Hyperplasia Inflammation	Moderate Suppurative, Mild
Note: HYPERPLASIA TGLs = 11-26			
Thyroid Gland		Degeneration	Cystic, Moderate
Uterus		Exudate Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 401

TRT#: 11

SEX: Female

DAY ON TEST: 592

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Mineralization	Minimal
Clitoral Gland		Ectasia	Moderate
		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-21		
Gallbladder		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Cyst	
		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
	Pancreatic	Lymphoma Malignant Undifferentiated Cell Type	
	Renal	Lymphoma Malignant Undifferentiated Cell Type	
Mammary Gland		Hyperplasia	Cystic, Mild
Nose	Glands	Dilatation	Minimal
Pancreas		Cytoplasmic Alteration	Marked
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: HEMA CELL PROL	TGLs = 4-6		
Thymus		Depletion Cellular	Moderate
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 401

TRT#: 11

SEX: Female

DAY ON TEST: 592

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041727

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 402

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Kidney	Lung	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Harderian Gland		Adenoma	
Islets, Pancreatic		Hyperplasia	Mild
Liver	Hepatocyte	Cytologic Alterations	Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
	Mesenteric	Lymphoma Malignant Mixed	
Nose	Glands	Dilatation	Minimal
		Exudate	Minimal
	Glands	Hyperplasia	Minimal
Skin		Acanthosis	Minimal
Note: ACANTHOSIS	TGLs = 1-21		
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-22		
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Suppurative, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Note: CONSIDERED ARTIFACT			
Note: TANGENTIAL SECTION; RESEMBLES MUCOSAL HYPERPLASIA;			
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 402

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041728

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 403

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Moderate
Note: HEPATOCLR ADEN TGLs = 1-21,2-22			
Nose		Exudate	
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 404

TRT#: 11

SEX: Female

DAY ON TEST: 546

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Trachea

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin

OBSERVATIONS

Brain
[Compression TGLS = 7-1]

Compression
Hydrocephalus

Mild

Kidney

Renal Tubule
Hepatocyte

Casts Protein
Regeneration
Cytologic Alterations
Eosinophilic Focus
Hepatocellular Adenoma

Mild
Mild
Minimal
Multiple

Note: HEPATOCLR ADEN TGLs = 3-22,4-23,5-24

Lung
Mammary Gland

Hemorrhage
Hyperplasia

Minimal
Cystic, Mild

Note: HYPERPLASIA TGLs = 1-8

Nose

Glands

Dilatation
Exudate

Minimal

Pituitary Gland
[Adenoma TGLS = 6-1]

Glands
Pars Distalis

Hyperplasia
Adenoma

Minimal

Salivary Glands

Hyperplasia
Pigmentation

Lymphoid, Minimal
Hemosiderin, Mild

Spleen

Stomach

Glandular
Forestomach, Mucosa
Forestomach

Cyst
Hyperplasia
Squamous Cell Papilloma

Mild

Note: PAPILOMA SQUA TGLs = 8-4-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 404

TRT#: 11

SEX: Female

DAY ON TEST: 546

DOSE: 0.200%

DISP: Moribund Sacrifice

HISTO: A87041730

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Degeneration

Cystic, Minimal

Urinary Bladder

Hyperplasia

Lymphoid, Minimal

Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 405

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041731

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Glandular
Thymus	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Brain	Thalamus	Mineralization	Minimal
Kidney		Hyperplasia	Lymphoid, Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Mild
Note: HEPATOCLR ADEN TGLs = 3-21,4-22			
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
		Exudate	
	Glands	Hyperplasia	Minimal
Ovary	Interstit Cell	Hyperplasia	Mild
Pancreas		Cyst	
Note: CYST TGLs = 2-7			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Moderate
Stomach	Forestomach	Cyst	
Note: CYST IS NEAR JUNCTION WITH GLANDULAR STOMACH			
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 406

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Skin	Spleen
Stomach - Glandular	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Heart	Myocardium	Inflammation	Chronic, Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
Liver		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Nose		Exudate	
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands		Hyperplasia	Lymphoid, Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
Thymus		Hyperplasia	Lymphoid, Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Carcinoma	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

Note: CARCINOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 407

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041733

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	Islets, Pancreatic
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Basophilic Focus	
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-22			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hyperplasia	Lymphoid, Minimal
Note: HEPATOCLR ADEN ALSO PRESENT ON SLIDE 6			
Note: HEPATOCLR ADEN TGLs = 4-23,7-26			
Nose	Mucosa	Degeneration	Hyaline, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
	Glandular	Dysplasia	Minimal
Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 408

TRT#: 11

SEX: Female

DAY ON TEST: 735

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Skin
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Kidney
Ovary
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Brain Thalamus
Liver Hepatocyte

Mineralization
Cytologic Alterations
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma

Mild
Minimal
Multiple

Note: HEPATOCLR ADEN ON SLIDE 23 CONTAINS EXTENSIVE NECROSIS

Note: HEPATOCLR CARC TGLs = 2-21,5-24

Note: TWO HEPATOCLR ADENOMAS ARE ON SLIDE 6

Note: HEPATOCLR ADEN TGLs = 3-22,4-23

Lung
Nose Mucosa
Glands

Infiltration Cellular
Degeneration
Dilatation
Hyperplasia
Hyperplasia
Hematopoietic Cell Proliferation

Histiocyte, Minimal
Hyaline, Minimal
Minimal
Lymphoid, Minimal
Lymphoid, Minimal
Moderate

Pancreas
Salivary Glands
Spleen
Note: HEMA CELL PROL TGLs = 1-6

Uterus
Note: HYPERPLASIA TGLs = 6-7

Hyperplasia
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 409

TRT#: 11

SEX: Female

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041735

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 - Mandibular	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Trachea

OBSERVATIONS

Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA	TGLs = 3-5-1		
Lung		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Hyperplasia	Cystic, Minimal
		Hyperplasia	Lobular, Minimal
Nose		Exudate	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-6		
Stomach	Glandular	Cyst	
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
	Follicular Cel	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 410

TRT#: 11

SEX: Female

DAY ON TEST: 732

DOSE: 0.200%

DISP: Terminal Sacrifice

HISTO: A87041736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	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	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Clitoral Gland		Ectasia	Moderate
		Pigmentation	Moderate
Note: PIGMENTATION RESEMBLES HEMOSIDERIN			
Note: PIGMENT TGLs = 1-21			
Gallbladder		Dilatation	Moderate
Kidney		Casts Protein	Minimal
		Lymphoma Malignant Mixed	
Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
Note: TWO HEPATOCLR ADENOMAS ON SLIDE 25			
Note: HEPATOCLR ADEN TGLs = 6-23,7-24,8-25,9-26			
Lung		Lymphoma Malignant Mixed	
Note: LYMPHOMA INVOLVES PRIMARILY THE MEDIASTINUM			
Lymph Node	Mandibular	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPHOMA PRESENT ON SLIDES 4,5,6 & 7			
Pancreas		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 410	TRT#: 11 DOSE: 0.200%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: A87041736
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 14-1 Note: ADENOMA CONTAINS EXTENSIVE BLOOD LAKES	Pars Distalis Adenoma	
Spleen Note: HEMA CELL PROL TGLs = 4-6	Hematopoietic Cell Proliferation Lymphoma Malignant Mixed Pigmentation	Mild Hemosiderin, Mild
Thymus	Lymphoma Malignant Mixed	
Thyroid Gland	Degeneration	Cystic, Mild
Uterus Note: HYPERPLASIA TGLs = 3-7	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: THE LYMPHOMA HAS FEATURES OF MIXED LYMPHOMA IN SOME SITES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 411

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: A86036560

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Inflammation	Minimal Chronic Active, Minimal
Nose	Glands Glands Olfactory Epi	Dilatation Hyperplasia Metaplasia	Minimal Minimal Minimal
Uterus		Exudate Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 412

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: A86036561

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Inflammation	Minimal Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Mild
Pituitary Gland	Pars Distalis	Carcinoma	

Note: CARCINOMA TGLs = 1-1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 413	TRT#: 12	SEX: Female	DAY ON TEST: 456
	DOSE: 0.200% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Nose	Glands	Dilatation	Minimal
Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-7,2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 414

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 455
HISTO: A86036563

OBSERVATIONS

Liver	Hepatocyte	Clear Cell Focus Cytologic Alterations Hepatocellular Adenoma	Minimal
Nose	Glands Olfactory Epi	Dilatation Metaplasia	Minimal Minimal
Spleen Note: PIGMENT TGLs = 2-6		Pigmentation	Hemosiderin, Mild
Stomach	Forestomach, Mucosa	Hyperplasia	Mild
Uterus Note: HYPERPLASIA TGLs = 1-7		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 415

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: A86036564

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Inflammation	Minimal Chronic Active, Mild
Lung Note: ALV BRON ADEN TGLs = 2-21		Alveolar/Bronchiolar Adenoma	
Nose	Mucosa Glands Glands Olfactory Epi	Degeneration Dilatation Hyperplasia Metaplasia Hyperplasia	Hyaline, Mild Mild Mild Mild Cystic, Mild
Uterus Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 416

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: A86036565

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7,2-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 417

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: A86036566

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 418

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 456
HISTO: A86036567

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 419

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 455
HISTO: A86036568

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
	Glands	Dilatation	Minimal
	Glands	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Mild
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:42
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 420

TRT#: 12
DOSE: 0.200% 15 SSAC

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 455
HISTO: A86036569

OBSERVATIONS

Liver	Hepatocyte	Cytologic Alterations Hepatocellular Adenoma Inflammation	Minimal Multiple Chronic Active, Minimal
Nose	Glands	Dilatation	Minimal
Uterus		Exudate Hyperplasia	Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 421

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041737

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Brain	Thalamus	Mineralization	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 4-22			
Lung		Hyperplasia	Lymphoid, Mild
	Bronchiole, Epithelium	Proliferation	Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
		Exudate	
Ovary		Cyst	
Note: CYST TGLs = 1-7-1			
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Intermed	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:42

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 422

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041738

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	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Kidney		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN TGLs = 4-21,5-22			
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Minimal
Nose		Exudate	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-6			
Note: HEMA CELL PROL TGLs = 2-6			
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 423

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	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	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

OBSERVATIONS

Bone Marrow		Angiectasis	Moderate
Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Moderate
	Renal Tubule	Regeneration	Minimal
Liver		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Mild
Ovary		Angiectasis	Mild
		Cyst	
Note: CYST	TGLs = 2-7-1		
Pancreas		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 3-4-1		
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 424

TRT#: 15

SEX: Female

DAY ON TEST: 691

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Liver
Parathyroid Gland
Trachea

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pituitary Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Salivary Glands

Esophagus
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Skin

MISSING

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland
Brain
Kidney

Cortex
Thalamus

Basophilic Focus
Mineralization
Casts Protein
Hyperplasia
Mineralization

Mild
Minimal
Lymphoid, Minimal
Moderate

Interstit Tiss
Renal Tubule
Renal Tubule

Pigmentation
Pigmentation
Regeneration

Moderate
Mild
Mild

Lung

Bronchiole, Epithelium

Alveolar/Bronchiolar Adenoma
Infiltration Cellular
Proliferation

Histiocyte, Moderate
Minimal

Note: ALV BRON ADEN TGLs = 4-2-1

Lymph Node

Mesenteric
Mesenteric

Hematopoietic Cell Proliferation
Hemorrhage

Moderate
Mild

Nose

Mucosa

Degeneration
Fibrosis

Hyaline, Minimal
Moderate

Ovary

Inflammation
Mineralization

Suppurative, Moderate
Marked

Note: INFLAMMATION TGLs = 2-7-1

Note: MINERALIZATION TGLs = 2-7-1

Note: FIBROSIS TGLs = 2-7-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 424	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Natural Death	DAY ON TEST: 691 HISTO: A87041740
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: LESION APPEARS TO BE PARTIALLY ORGANIZED ABSCESS

Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Cyst	
	Forestomach	Diverticulum	Mild
	Forestomach, Mucosa	Hyperplasia	Moderate
	Forestomach	Inflammation	Suppurative, Moderate
	Forestomach	Inflammation	Chronic, Moderate
Note: DIVERTICULUM	TGLs = 6-4-2		
Note: HYPERPLASIA	TGLs = 5-4-1		
Thymus		Angiectasis	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 425

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Skin
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Stomach - Glandular

OBSERVATIONS

Brain
Kidney
Liver
Lung
Ovary
Parathyroid Gland
Salivary Glands
Urinary Bladder
Uterus

Thalamus

Mineralization
Mineralization
Eosinophilic Focus
Hyperplasia
Cyst
Hyperplasia
Hyperplasia
Hyperplasia
Hyperplasia

Moderate
Minimal
Lymphoid, Minimal
Minimal
Lymphoid, Mild
Lymphoid, Minimal
Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 426

TRT#: 15

SEX: Female

DAY ON TEST: 704

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041742

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	Lymph Node - Mandibular	Nose
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Heart	Myocardium	Fibrosis	Mild
	Myocardium	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 9-5-1			
Note: FIBROSIS TGLs = 9-5-1			
Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA IS ON SLIDE 4			
Kidney		Casts Protein	Mild
	Renal Tubule	Dilatation	Mild
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	
	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Lymphoma Malignant Lymphocytic	
		Pigmentation	Moderate
Note: LYMPHOMA IS IN ALL THE LIVER SECTIONS			
Note: HEPATOCLR ADEN TGLs = 8-23			
Note: HYPERPLASIA TGLs = 7-22,13-24			
Lung		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 10-2,10-2-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 426	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Natural Death	DAY ON TEST: 704 HISTO: A87041742
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ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial Mesenteric	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 4-21			
Ovary		Angiectasis	Mild
Note: ANGIECTASIS TGLs = 12-7-1			
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Lymphoma Malignant Lymphocytic Adenoma	
Note: ADENOMA TGLs = 11-1			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Lymphocytic	Mild
Note: LYMPHOMA IN SPLEEN INCLUDES LARGE PLEOMORPHIC CELLS			
Note: HEMA CELL PROL TGLs = 3-6			
Note: LYMPH MAL LYMP TGLs = 3-6			
Note: WITH ABUNDANT CYTOPLASM			
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 427

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Heart	Myocardium	Inflammation	Chronic, Moderate
Kidney		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
		Lymphoma Malignant Lymphocytic	
		Mixed Cell Focus	
Note: MIXED CELL FOCUS ALSO ON SLIDE 25			
Note: MIXED CL FOCUS TGLs = 4-22			
Note: HEPATOCLR ADEN TGLs = 6-24			
Lung		Lymphoma Malignant Lymphocytic	
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
Note: HEMA CELL PROL TGLs = 3-6			
Note: HYPERPLASIA TGLs = 3-6			
Stomach	Glandular	Cyst	
Thymus		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP TGLs = 5-23			
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 427

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041743

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYDROMETRA TGLs = 2-7

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 428

TRT#: 15

SEX: Female

DAY ON TEST: 682

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Thyroid Gland	Trachea		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Osteosarcoma	
Note: OSTEOSARC	TGLs = 7-24,8-25		
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 3-21		
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 4-22,5-23		
Lung		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 6-2		
Lymph Node	Bronchial	Osteosarcoma	Metastatic (Bone)
	Mediastinal	Osteosarcoma	Metastatic (Bone)
Ovary		Angiectasis	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
	Glandular	Erosion	Mild

Note: THE LESIONS ARE ON SLIDE 4-1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 428	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Natural Death	DAY ON TEST: 682 HISTO: A87041744
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ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder Note: POSSIBLY TUMOR METASTASIS Note: UR. BLADDER WALL CONTAINS UNIDENTIFIED CELLS;	Edema	Mild
Uterus Note: HYPERPLASIA TGLs = 2-7	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: BLOOD IN NOSE; CONSIDERED AGONAL; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 429

TRT#: 15

SEX: Female

DAY ON TEST: 353

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A86036580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Diffuse, Moderate
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
	Renal Tubule	Necrosis	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
	Lobules	Necrosis	Moderate
Note: NECROSIS TGLs = 5-21			
Note: NECROSIS ALSO PRESENT ON SLIDE 6			
Lymph Node	Mediastinal	Necrosis	Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary		Granulosa Cell Tumor Malignant	
Note: GRANLSA TM MAL TGLs = 4-7			
Skin	Subcut Tiss	Edema	Mild
Note: EDEMA TGLs = 1-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Inflammation	Suppurative, Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 3-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 429

TRT#: 15

SEX: Female

DAY ON TEST: 353

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A86036580

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 430

TRT#: 15

SEX: Female

DAY ON TEST: 714

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lung	Lymph Node - Mandibular	Lymph Node - Mesenteric	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea		

OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain		Hemorrhage	Mild
	Thalamus	Mineralization	Moderate
Note: HEMORRHAGE	TGLs = 2-1		
Heart	Myocardium	Mineralization	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
	Lobules	Necrosis	Minimal
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Glands	Dilatation	Minimal
Ovary		Angiectasis	Mild
		Cyst	
		Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Thymus		Cyst	
		Depletion Cellular	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Edema	Mild
		Hyperplasia	Lymphoid, Minimal
Uterus		Polyp Stromal	
		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 430

TRT#: 15

SEX: Female

DAY ON TEST: 714

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041745

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE STROMAL POLYP IS ON SLIDE 21

Note: STROMAL SARCOMA ALSO PRESENT ON SLIDES 7 & 7-1

Note: SARC STROMAL TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 431

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041746

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	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hyperplasia	Lymphoid, Mild
Lung		Hyperplasia	Lymphoid, Mild
Nose	Glands	Dilatation	Minimal
Ovary		Angiectasis	Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
Stomach	Glandular	Cyst	
Thymus		Cyst	
Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Marked

Note: HYPERPLASIA TGLs = 1-7,2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 432

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland	Skin	Stomach - Forestomach
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Lymphoma Malignant Mixed	
Bone		Hyperostosis	Mild
Bone Marrow		Lymphoma Malignant Mixed	
Brain	Thalamus	Mineralization	Mild
Kidney		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-5			
Liver		Lymphoma Malignant Mixed	
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Note: LYMPH MAL MIXD TGLs = 3-6,4-21			
Lung		Hyperplasia	Lymphoid, Mild
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
	Mesenteric	Lymphoma Malignant Mixed	
Mesentery		Lymphoma Malignant Mixed	
Note: LYMPHOMA IS ON SLIDE 10			
Ovary		Angiectasis	Moderate
Pancreas		Cytoplasmic Alteration	Moderate
		Lymphoma Malignant Mixed	
Note: CYTOPLAS ALTER CONSISTS OF ZYMOGEN GRANULE DEPLETION			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: HEMA CELL PROL TGLs = 1-6			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 432

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041747

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LYMPH MAL MIXD TGLs = 1-6

Stomach	Glandular
Note: CELLS SURROUNDING CYST HAVE HYALINE DEGENERATION	
Thymus	
Urinary Bladder	
Uterus	

Cyst

Depletion Cellular

Mild

Hyperplasia

Lymphoid, Mild

Hyperplasia

Cystic, Moderate

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 433

TRT#: 15

SEX: Female

DAY ON TEST: 710

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone		Hyperostosis	Mild
Bone Marrow		Hypercellularity	Moderate
Brain	Thalamus	Cyst	
		Mineralization	Mild
Note: THE BRAIN PARENCHYMA			
Note: CYST IS FILLED WITH KERATIN-LIKE MATERIAL, CELL DETRITUS,			
Note: & CHOLESTEROL CLEFTS WHICH PARTIALLY EXTEND INTO			
Note: CYST IS ON MIDLINE OF CEREBRUM			
Note: CYST IS LINED WITH SQUAMOUS EPITHELIUM			
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 7-23			
Kidney		Hyperplasia	Lymphoid, Minimal
Liver		Hemorrhage	Marked
		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Marked
Note: HEMORRHAGE TGLs = 8-24			
Note: NECROSIS TGLs = 8-24			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 6-22			
Note: LYMPH MAL MIXD TGLs = 9-25			
Ovary		Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 433	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: A87041748
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 4-6 [Hematopoietic Cell Proliferation TGLS = 5-21]		Lymphoma Malignant Mixed	
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Moderate
		Inflammation	Chronic, Minimal
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			
Note: HYDROMETRA TGLs = 3-7			

PRIMARY CAUSE OF DEATH -

Animal Note: NORMAL THYMUS PRESENT ON SLIDE 25

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 434

TRT#: 15

SEX: Female

DAY ON TEST: 708

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Pituitary Gland
Stomach - Glandular

Bone
Heart
Intestine Small - Duodenum
Liver
Nose
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pancreas
Spleen
Thyroid Gland

OBSERVATIONS

Brain
Kidney
Lymph Node
Ovary
Salivary Glands
Urinary Bladder
Uterus

Thalamus
Renal Tubule
Mesenteric

Mineralization
Regeneration
Hemorrhage
Cyst

Mild
Minimal
Minimal

Hyperplasia
Hyperplasia
Angiectasis
Hydrometra
Hyperplasia

Lymphoid, Minimal
Lymphoid, Mild
Marked
Marked
Cystic, Mild

Note: CYST OBSERVED DOES NOT APPEAR TO CORRELATE W/ TGL 2

Note: HYDROMETRA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 435

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041750

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	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea

MISSING

Lymph Node - Mesenteric	Thymus
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OBSERVATIONS

Kidney		Hyperplasia Mineralization	Lymphoid, Minimal Minimal
Liver	Renal Tubule Hepatocyte	Regeneration Cytologic Alterations Hepatocellular Adenoma Hyperplasia	Minimal Minimal Lymphoid, Minimal
Note: HEPATOCLR ADEN TGLs = 2-21			
Lung		Hyperplasia	Lymphoid, Minimal
Ovary		Cyst Hemorrhage	Marked
Note: CYST TGLs = 3-7-1			
Note: HEMORRHAGE TGLs = 3-7-1			
Pancreas		Hyperplasia	Lymphoid, Mild
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland		Degeneration	Cystic, Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Note: INFUSION ARTIFACT IN UR. BLADDER			
Uterus		Hydrometra	Marked
Note: HYDROMETRA TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 435

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041750

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 436

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041751

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	Lymph Node - Mandibular
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Skin	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Mild
Kidney		Casts Protein	Minimal
		Mineralization	Minimal
Lung		Hyperplasia	Lymphoid, Moderate
Ovary		Angiectasis	Mild
Pancreas		Atrophy	Mild
Salivary Glands		Hyperplasia	Lymphoid, Moderate
Spleen		Pigmentation	Hemosiderin, Mild
Stomach	Glandular	Cyst	
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 3-4		
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 437

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041752

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 - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Colon

OBSERVATIONS

Kidney		Hyperplasia	Lymphoid, Mild
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Mild
	Mesenteric	Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-6		
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 2-7	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 438

TRT#: 15

SEX: Female

DAY ON TEST: 700

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041753

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	Kidney	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Brain		Hydrocephalus	Minimal
	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hepatocellular Adenoma	Multiple
	Lobules	Necrosis	Minimal
Note: HEPATOCLR ADEN TGLs = 4-23,5-24			
Note: NECROSIS TGLs = 3-22			
Mammary Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-21			
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hydrometra	Marked
Note: HYDROMETRA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 439

TRT#: 15

SEX: Female

DAY ON TEST: 710

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Gallbladder	Heart	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 - Forestomach	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Intestine Large	Cecum	Leiomyosarcoma	
Note: LEIOMYOSAR TGLs = 4-21			
Kidney	Renal Tubule	Casts Protein	Minimal
	Hepatocyte	Regeneration	Minimal
Liver	Glands	Cytologic Alterations	Minimal
Nose		Dilatation	Minimal
Ovary		Angiectasis	Mild
		Cyst	
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Congestion	Mild
		Lymphoma Malignant Lymphocytic	
Thymus		Cyst	
		Hyperplasia	Lymphoid, Mild
Thyroid Gland		Degeneration	Cystic, Minimal
	Follicular Cel	Hyperplasia	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Angiectasis	Mild
		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA TGLs = 2-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 439

TRT#: 15

SEX: Female

DAY ON TEST: 710

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041754

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 440

TRT#: 15

SEX: Female

DAY ON TEST: 700

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Esophagus	Gallbladder	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone		Hyperostosis	Moderate
Note: MILD HYPEROSTOSIS INVOLVES THE FEMUR			
Note: HYPEROSTOSIS TGLs = 10-23			
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Moderate
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic, Moderate
	Lobules	Necrosis	Marked
Note: NECROSIS TGLs = 9-22			
Lung		Infiltration Cellular	Histiocyte, Moderate
		Squamous Cell Carcinoma	Metastatic (Tooth)
Note: MANY OF THE HISTIOCYTIC CELLS CONTAIN BROWN PIGMENT			
Note: INFILTRAT CELL TGLs = 11-2-1			
Lymph Node	Mesenteric	Hematopoietic Cell Proliferation	Moderate
	Pancreatic	Hematopoietic Cell Proliferation	Moderate
	Mesenteric	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Plasma Cell, Mild
	Mandibular	Squamous Cell Carcinoma	Metastatic (Tooth)
Note: HEMORRHAGE TGLs = 6-21			
Note: HEMORRHAGE TGLs = 8-5			
Note: SQUAM CEL CARC TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 440

TRT#: 15

SEX: Female

DAY ON TEST: 700

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041755

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMA CELL PROL TGLs = 8-5

Note: HYPERPLASIA TGLs = 6-21

Note: HEMA CELL PROL TGLs = 6-21

Mammary Gland

Hyperplasia

Cystic, Minimal

Mesentery

Hemangioma

Note: HEMANGIOMA IS ON SLIDE 5

Nose

Glands

Dilatation

Mild

Exudate

Glands

Hyperplasia

Mild

Ovary

Angiectasis

Marked

Cyst

Note: CYST TGLs = 5-7

Note: OPPOSITE OVARY HAS MODERATE ANGIECTASIS

Note: ANGIECTASIS TGLs = 5-7

Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

Spleen

Hematopoietic Cell Proliferation

Marked

Note: HEMA CELL PROL TGLs = 7-6

Stomach

Forestomach

Cyst

Glandular

Cyst

Glandular

Dysplasia

Moderate

Forestomach, Mucosa

Hyperplasia

Marked

Glandular

Infiltration Cellular

Plasma Cell, Moderate

Forestomach

Inflammation

Suppurative, Moderate

Note: HYPERPLASIA TGLs = 13-4

Thyroid Gland

Degeneration

Cystic, Moderate

Tooth

Squamous Cell Carcinoma

Note: SQUAM CEL CARC TGLs = 12-24

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 441

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Esophagus	Gallbladder
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Small	Jejunum	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 5-22			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
Liver		Lymphoma Malignant Mixed	
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Cyst	
Note: CYST TGLs = 1-7			
Pancreas		Hyperplasia	Lymphoid, Minimal
Parathyroid Gland		Cyst	
Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 3-21,4-6			
Note: HEMA CELL PROL TGLs = 4-6			
Uterus		Carcinoma	
		Hyperplasia	Cystic, Marked
Note: CARCINOMA TGLs = 2-7			
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 442

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	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	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
Note: HEPATOCLR ADEN TGLs = 3-22,4-23			
Lung	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Mild
Pancreas		Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Mild
Stomach	Forestomach	Diverticulum	Moderate
Note: DIVERTICULUM TGLs = 6-4			
Thyroid Gland	Follicle	Cyst	
Uterus		Hyperplasia	Cystic, Moderate
		Leiomyoma	
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 443

TRT#: 15

SEX: Female

DAY ON TEST: 711

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041758

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain	Thalamus	Mineralization	Minimal
Clitoral Gland		Ectasia	Mild
		Pigmentation	Moderate
Note: PIGMENT TGLs = 2-22			
Eye		Phthisis Bulbi	Mild
Note: PHTHISIS BULBI TGLs = 1-21			
Harderian Gland		Adenoma	
Note: ADENOMA TGLs = 7-25			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
		Hyperplasia	Lymphoid, Mild
Note: HEPATOCLR ADEN TGLs = 6-24			
Lung		Hyperplasia	Lymphoid, Minimal
Mesentery	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 5-23			
Parathyroid Gland		Cyst	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Salivary Glands		Hyperplasia	Lymphoid, Mild
Stomach	Glandular	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 443

TRT#: 15
DOSE: 0.0666%

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 711
HISTO: A87041758

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Hydrometra
Hyperplasia
Polyp Stromal

Marked
Cystic, Moderate

Note: HYPERPLASIA TGLs = 3-7
Note: HYDROMETRA TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 444

TRT#: 15

SEX: Female

DAY ON TEST: 619

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041759

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
Note: HEPATOCLR CARC	TGLs = 4-22,5-23		
Note: HEPATOCLR ADEN	TGLs = 6-24		
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Nose	Glands	Dilatation	Minimal
Spleen		Hematopoietic Cell Proliferation	Marked
Note: HEMA CELL PROL	TGLs = 3-6		
Stomach	Glandular	Cyst	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 445

TRT#: 15

SEX: Female

DAY ON TEST: 711

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Thymus

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Trachea

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin

OBSERVATIONS

Brain
Kidney
Liver
Lung

Ovary
Note: CYST TGLs = 3-7
Pancreas
Pituitary Gland
Salivary Glands
Spleen
Stomach

Thyroid Gland

Urinary Bladder
Uterus
Note: HYPERPLASIA TGLs = 2-7

Thalamus

Bronchiole, Epithelium

Pars Distalis

Lymph Follic
Glandular
Forestomach
Follicle

Mineralization
Hyperplasia
Inflammation
Hyperplasia
Proliferation
Cyst

Hyperplasia
Adenoma
Hyperplasia
Hyperplasia
Cyst
Inflammation
Cyst
Degeneration
Inflammation
Hyperplasia
Hyperplasia

Mild
Lymphoid, Minimal
Chronic, Minimal
Lymphoid, Mild
Minimal

Lymphoid, Minimal

Lymphoid, Minimal
Mild

Chronic, Minimal

Cystic, Minimal
Chronic, Mild
Lymphoid, Minimal
Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 446

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Capsule, Cortex Cortex	Hyperplasia Hyperplasia	Mild Focal, Minimal
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Mild
Kidney	Renal Tubule	Atrophy Hyperplasia Mineralization	Mild Lymphoid, Minimal Minimal
Liver	Renal Tubule	Regeneration Hepatocellular Adenoma	Mild Multiple
Note: HEPATOCLR ADEN TGLs = 2-21,4-22			
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hemorrhage	Mild
Ovary		Luteoma	
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Stomach	Forestomach, Mucosa Forestomach	Hyperplasia Inflammation	Moderate Suppurative, Mild
Note: HYPERPLASIA TGLs = 3-4-1			
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 447

TRT#: 15
DOSE: 0.0666%

SEX: Female
DISP: Natural Death

DAY ON TEST: 695
HISTO: A87041762

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	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

Brain	Thalamus	Mineralization	Moderate
Kidney	Renal Tubule	Carcinoma	
		Mineralization	Minimal
Liver	Kupffer Cell	Hyperplasia	Moderate
	Lobules	Lymphoma Malignant Mixed	
		Necrosis	Mild
Note: LYMPH MAL MIXD	TGLs = 6-23,7-6		
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 4-21		
Pancreas		Lymphoma Malignant Mixed	
Spleen		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD	TGLs = 3-6		
Uterus		Hydrometra	Marked
		Polyp Stromal	
Note: HYDROMETRA	TGLs = 1-7,2-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 448

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

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

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Thymus

Trachea

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Bone

Hyperostosis

Mild

Bone Marrow

Lymphoma Malignant Lymphocytic

Brain

Thalamus

Mineralization

Mild

Kidney

Renal Tubule

Regeneration

Minimal

Liver

Eosinophilic Focus

Hepatocellular Adenoma

Inflammation

Chronic, Minimal

Note: HEPATOCLR ADEN TGLs = 5-21

Lung

Note: LYMPHOMA IS PRESENT PRIMARILY IN MEDIASTINUM

Lymphoma Malignant Lymphocytic

Mesentery

Note: LYMPHOMA IS ON SLIDES 5,6, & 7

Lymphoma Malignant Lymphocytic

Ovary

Angiectasis

Mild

Cyst

Spleen

Note: LYMPH MAL LYMP TGLs = 3-6

Lymphoma Malignant Lymphocytic

Stomach

Glandular

Cyst

Forestomach, Mucosa

Hyperplasia

Moderate

Forestomach

Inflammation

Suppurative, Moderate

Note: HYPERPLASIA TGLs = 4-4,4-4-1

Thyroid Gland

Follicular Cel

Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 448	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: A87041763
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ORGAN AND ACCOUNTABLE SITE STATUS

Follicular Cel	Hyperplasia	Mild
Note: HYPERPLASIA IS IN OPPOSITE LOBE FROM ADENOMA		
Urinary Bladder	Hyperplasia	Lymphoid, Moderate
Uterus	Hydrometra	Marked
	Hyperplasia	Cystic, Moderate
	Lymphoma Malignant Lymphocytic	
Note: HYPERPLASIA TGLs = 1-7-1,2-7		
Note: HYDROMETRA TGLs = 1-7-1,2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 449

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Liver
Nose
Pituitary Gland
Stomach - Glandular

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Skin

OBSERVATIONS

Brain
Intestine Small
Kidney

Thalamus
Jejunum

Mineralization
Lymphoma Malignant Undifferentiated Cell Type
Hyperplasia
Mineralization
Regeneration
Lymphoma Malignant Undifferentiated Cell Type
Lymphoma Malignant Undifferentiated Cell Type
Hematopoietic Cell Proliferation
Lymphoma Malignant Undifferentiated Cell Type

Mild

Lymphoid, Mild
Minimal
Minimal

Lymph Node

Renal Tubule
Mediastinal
Mesenteric

Spleen

Cyst
Degeneration
Hyperplasia
Hyperplasia
Lymphoma Malignant Undifferentiated Cell Type

Mild

Cystic, Mild
Lymphoid, Mild
Cystic, Mild

Note: HEMA CELL PROL TGLs = 2-6

Thymus
Thyroid Gland
Urinary Bladder
Uterus

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 450

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Kidney
Mammary Gland
Parathyroid Gland
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Nose
Skin
Thyroid Gland

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Ovary
Spleen
Trachea

OBSERVATIONS

Bone
Brain
Liver
Mesentery
 Note: NECROSIS IS ON SLIDE 7
Pituitary Gland
Salivary Glands
Stomach
Uterus
 Note: HYPERPLASIA TGLs = 1-7

Thalamus

Fat

Pars Distalis

Glandular

Hyperostosis
Mineralization
Hepatocellular Adenoma
Necrosis

Adenoma
Hyperplasia
Cyst
Hyperplasia

Mild
Minimal

Moderate

Lymphoid, Minimal

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOID HYPERPL. IN MEDIASTINUM; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 451

TRT#: 15

SEX: Female

DAY ON TEST: 711

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041766

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	Kidney	Lymph Node - Mandibular	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Glandular	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Islets, Pancreatic		Hyperplasia	Lymphoid, Mild
		Hyperplasia	Mild
Liver		Hepatoblastoma	
		Inflammation	Chronic, Mild
[Inflammation TGLS = 4-21]			
Lung		Hepatoblastoma	Metastatic (Liver)
Note: LESION ON SLIDE 22 INVOLVES PRIMARILY MEDIASTINUM			
Note: HEPATOBLASTOMA TGLs = 5-2,6-22			
Lymph Node	Mediastinal	Hepatoblastoma	Metastatic (Liver)
Nose	Glands	Dilatation	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach, Mucosa	Hyperplasia	Minimal
Thymus		Hepatoblastoma	Metastatic (Liver)
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Edema	Mild
Uterus		Hydrometra	Moderate
		Hyperplasia	Cystic, Mild
Note: HYDROMETRA TGLs = 3-7			
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 452

TRT#: 15

SEX: Female

DAY ON TEST: 646

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Gallbladder
Heart	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
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic	
Bone Marrow		Hypercellularity	Mild
Brain	Thalamus	Mineralization	Mild
Intestine Large	Cecum	Edema	Mild
Kidney		Lymphoma Malignant Histiocytic	
Note: LYMPHOMA INVOLVES PRIMARILY GLOMERULI			
Liver		Lymphoma Malignant Histiocytic	
	Lobules	Necrosis	Minimal
Note: LYMPH MAL HIST TGLs = 5-6			
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Inguinal	Lymphoma Malignant Histiocytic	
	Mediastinal	Lymphoma Malignant Histiocytic	
	Mesenteric	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 4-5			
Mammary Gland		Hyperplasia	Cystic, Minimal
Ovary		Lymphoma Malignant Histiocytic	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST TGLs = 3-6			
Note: HEMA CELL PROL TGLs = 3-6			
Thyroid Gland		Degeneration	Cystic, Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 452

TRT#: 15
DOSE: 0.0666%

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 646
HISTO: A87041767

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFUSION ARTIFACT IN UR. BLADDER

Uterus

Hyperplasia

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 453

TRT#: 15

SEX: Female

DAY ON TEST: 674

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041768

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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Hyperplasia	Focal, Moderate
Brain	Thalamus	Mineralization	Mild
	Cranial Nerve	Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 6-1-1			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Renal Tubule	Dilatation	Minimal
		Fibrosarcoma	Metastatic (Skin)
	Renal Tubule	Regeneration	Moderate
Liver	Kupffer Cell	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Moderate
Lung		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Histiocyte, Mild
Note: FIBROSARC TGLs = 5-2			
Pancreas		Cytoplasmic Alteration	Marked
		Hyperplasia	Lymphoid, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Mild
Skin	Subcut Tiss	Schwannoma Malignant	
Note: SCHWANNOMA MAL TGLs = 1-21			
Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 453

TRT#: 15

SEX: Female

DAY ON TEST: 674

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041768

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Natural Death	DAY ON TEST: 679 HISTO: A87041769
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Gallbladder
Intestine Large - Colon	Intestine Large - Rectum	Liver	Mammary Gland
Nose	Pituitary Gland		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Bone Marrow		Hypercellularity	Moderate
Brain		Lymphoma Malignant Lymphocytic	
	Thalamus	Mineralization	Minimal
Esophagus		Lymphoma Malignant Lymphocytic	
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 13-25		
Heart		Lymphoma Malignant Lymphocytic	
Islets, Pancreatic		Lymphoma Malignant Lymphocytic	
Kidney		Lymphoma Malignant Lymphocytic	
Lung		Congestion	Moderate
		Lymphoma Malignant Lymphocytic	
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Bronchial	Lymphoma Malignant Lymphocytic	
	Mandibular	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Mesenteric	Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 2-21,3-22		
Note: LYMPH MAL LYMP	TGLs = 1-8		
Note: LYMPH MAL LYMP	TGLs = 8-2		
Note: LYMPH MAL LYMP	TGLs = 10-5		
Ovary		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 4-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 454	TRT#: 15	SEX: Female	DAY ON TEST: 679
	DOSE: 0.06666%	DISP: Natural Death	HISTO: A87041769

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Lymphoma Malignant Lymphocytic	
Salivary Glands		Lymphoma Malignant Lymphocytic	
Skeletal Muscle		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 11-23,12-24		
Skin		Lymphoma Malignant Lymphocytic	
Spleen		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 6-6		
Stomach	Glandular	Cyst	
	Glandular	Erosion	Moderate
	Forestomach	Lymphoma Malignant Lymphocytic	
	Glandular	Lymphoma Malignant Lymphocytic	
Thymus		Lymphoma Malignant Lymphocytic	
Thyroid Gland		Lymphoma Malignant Lymphocytic	
Tongue		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 9-26		
Trachea		Lymphoma Malignant Lymphocytic	
Urinary Bladder		Lymphoma Malignant Lymphocytic	
Uterus		Hyperplasia	Cystic, Marked
		Lymphoma Malignant Lymphocytic	
Note: LYMPH MAL LYMP	TGLs = 5-7		
Note: HYPERPLASIA	TGLs = 5-7		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 455

TRT#: 15

SEX: Female

DAY ON TEST: 425

DOSE: 0.0666%

DISP: Natural Death

HISTO: A86036581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Lymph Node - Mandibular	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hypercellularity	Marked
Brain	Thalamus	Mineralization	Mild
	Cerebrum	Necrosis	Minimal
Heart	Epicardium	Inflammation	Suppurative, Mild
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
	Renal Tubule	Necrosis	Minimal
	Renal Tubule	Regeneration	Minimal
Liver	Kupffer Cell	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 4-6,6-6		
Lung		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 5-2		
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Moderate
Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Inflammation	Suppurative, Moderate
Note: INFLAMMATION IS PRESENT ON SLIDES 5,6,7,8 & 10			
Ovary		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-7		
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL	TGLs = 3-6		
Stomach	Glandular	Erosion	Moderate
Note: EROSION	TGLs = 7-4		
Thymus		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 455

TRT#: 15
DOSE: 0.0666%

SEX: Female
DISP: Natural Death

DAY ON TEST: 425
HISTO: A86036581

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland
Uterus

Inflammation
Exudate
Hyperplasia

Suppurative, Minimal

Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 456

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Salivary Glands
Stomach - Glandular

Bone
Heart
Intestine Small - Duodenum
Lung
Ovary
Skin
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Pancreas
Spleen
Trachea

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Brain
Kidney

Liver
Note: HEPATOCLR ADEN TGLs = 2-21
Nose

Thyroid Gland
Uterus
Note: HYPERPLASIA TGLs = 1-7

Thalamus
Renal Tubule
Renal Tubule

Glands
Glands
Follicular Cel

Mineralization
Dilatation
Regeneration
Hepatocellular Adenoma

Dilatation
Hyperplasia
Hyperplasia
Hyperplasia

Mild
Minimal
Minimal
Multiple

Mild
Minimal
Minimal
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 457

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	

MISSING

Thymus

OBSERVATIONS

Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Moderate
Kidney		Casts Protein	Minimal
		Cyst	
		Hyperplasia	Lymphoid, Mild
	Renal Tubule	Regeneration	Minimal
Liver		Lymphoma Malignant Mixed	
Lung		Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
Pancreas		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen	Red Pulp	Hyperplasia	Mild
		Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 2-6			
Note: HYPERPLASIA TGLs = 2-6			
Thyroid Gland		Inflammation	Chronic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Hydrometra	Marked
		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 457

TRT#: 15

DOSE: 0.0666%

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 730

HISTO: A87041771

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 458

TRT#: 15

SEX: Female

DAY ON TEST: 331

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A86036582

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	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Kidney		Hyperplasia	Lymphoid, Minimal
Liver	Kupffer Cell	Hyperplasia	Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Marked
Thymus		Cyst	
		Depletion Cellular	Mild
Thyroid Gland		Degeneration	Cystic, Minimal
Tooth		Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-21,1-21-1		
Urinary Bladder		Hyperplasia	Lymphoid, Minimal
Uterus		Exudate	
		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 459

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Skin
Thyroid Gland

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Lung
Ovary
Spleen
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Parathyroid Gland
Stomach - Forestomach

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Thymus

OBSERVATIONS

Bone
Brain
Kidney

Thalamus

Hyperostosis
Mineralization
Hyperplasia
Mineralization

Mild
Mild
Lymphoid, Mild
Minimal

Renal Tubule

Regeneration
Inflammation
Dilatation
Exudate

Minimal
Chronic, Minimal
Minimal

Liver
Nose

Glands

Hyperplasia
Adenoma
Cyst

Lymphoid, Minimal

Pancreas
Pituitary Gland
Stomach
Urinary Bladder
Uterus

Pars Distalis
Glandular

Hyperplasia
Hyperplasia

Lymphoid, Mild
Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 460

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041773

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	Lung	Lymph Node - Mandibular
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Trachea

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Clitoral Gland		Ectasia	Mild
		Inflammation	Chronic, Mild
		Pigmentation	Mild
Note: ECTATIC CLITORAL GLAND			
Note: PIGMENT TGLs = 1-21			
Note: CELL DETRITUS & HEMOSIDERIN-LIKE PIGMENT WITHIN			
Kidney		Casts Protein	Minimal
	Renal Tubule	Regeneration	Minimal
Liver		Hepatocellular Adenoma	
Note: HEPATOCLR ADEN TGLs = 3-22			
Mammary Gland		Hyperplasia	Lobular, Minimal
Nose	Glands	Dilatation	Minimal
Ovary		Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Glandular	Mineralization	Minimal
Thymus		Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Urinary Bladder		Hyperplasia	Lymphoid, Mild
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 2-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 461

TRT#: 15

SEX: Female

DAY ON TEST: 392

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A86036583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Gallbladder	Heart	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Hypercellularity	Marked
Brain	Thalamus	Mineralization	Mild
Intestine Large	Colon	Edema	Mild
	Rectum	Fibrosarcoma	Metastatic (Skin)
	Rectum	Inflammation	Chronic, Mild
Note: THE FIBROSARCOMA IS ON SLIDE 21			
Kidney		Casts Protein	Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
Lymph Node	Mesenteric	Depletion Cellular	Moderate
	Inguinal	Fibrosarcoma	Metastatic (Skin)
	Iliac	Hematopoietic Cell Proliferation	Mild
Note: FIBROSARC TGLs = 1-8			
Note: HEMA CELL PROL TGLs = 6-22			
Pancreas		Cytoplasmic Alteration	Moderate
Note: CYTOPLAS. ALTER. IS ZYMOGEN GRANULE DEPLETION			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC TGLs = 2-21			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL TGLs = 4-6			
Stomach	Glandular	Cyst	
Thymus		Depletion Cellular	Moderate
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 461

TRT#: 15

SEX: Female

DAY ON TEST: 392

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A86036583

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 462

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Gallbladder	Thymus
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Mild
Note: HYPERPLASIA PRESENT ON SLIDE 5			
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Minimal
		Mineralization	Minimal
	Renal Tubule	Regeneration	Mild
Liver		Hepatocellular Adenoma	Multiple
Lung	Alveolar Epith	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Minimal
Ovary		Cyst	
Salivary Glands		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Mild
Note: HEMA CELL PROL TGLs = 2-6			
Note: HYPERPLASIA TGLs = 2-6			
Stomach	Glandular	Inflammation	Chronic, Minimal
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 462

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041774

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: ESOPHAGUS IS PRESENT ON SLIDE 2.1

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 463

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Trachea

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Pancreas

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Parathyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin

OBSERVATIONS

Brain Thalamus
Kidney

Mineralization
Casts Protein
Mineralization
Minimal
Minimal

Liver
Hepatocellular Adenoma
Inflammation

Chronic, Minimal

Note: HEPATOCLR ADEN TGLs = 3-21

Lung Lymphoma Malignant Lymphocytic

Note: LYMPHOMA INVOLVES PRIMARILY MEDIASTINUM

Nose Mucosa
Ovary

Degeneration
Angiectasis
Cyst
Hyaline, Minimal
Mild

Pituitary Gland Pars Distalis
Pars Distalis

Angiectasis
Hyperplasia
Mild
Moderate

Note: HYPERPLASIA TGLs = 4-1
[Hyperplasia TGLs = 4-1]

Salivary Glands Hyperplasia
Spleen Lymphoma Malignant Lymphocytic

Lymphoid, Mild

Note: LYMPH MAL LYMP TGLs = 2-6

Stomach Glandular
Forestomach
Forestomach
Glandular

Cyst
Diverticulum
Lymphoma Malignant Lymphocytic
Lymphoma Malignant Lymphocytic
Angiectasis
Mild

Thymus Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 463	TRT#: 15 DOSE: 0.0666%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: A87041775
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Cyst	Minimal
Urinary Bladder		Hyperplasia	Lymphoid, Moderate
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 464

TRT#: 15

SEX: Female

DAY ON TEST: 648

DOSE: 0.0666%

DISP: Moribund Sacrifice

HISTO: A87041776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Nose
Pituitary Gland
Thymus

Bone
Heart
Intestine Small - Duodenum
Lymph Node - Mandibular
Ovary
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Skin
Trachea

OBSERVATIONS

Brain
Kidney

Thalamus

Mineralization
Hyperplasia
Mineralization

Moderate
Lymphoid, Minimal
Minimal

Liver

Renal Tubule
Hepatocyte

Regeneration
Cytologic Alterations
Hepatocellular Adenoma

Minimal
Minimal

Note: HEPATOCLR ADEN TGLs = 3-21
Lung

Alveolar/Bronchiolar Carcinoma
Hyperplasia
Infiltration Cellular

Lymphoid, Mild
Histiocyte, Moderate

Note: LYMPHOID HYPERPL. PRIMARILY IN MEDIASTINUM
[Hyperplasia TGLs = 4-2-1]

Spleen

Pigmentation

Hemosiderin, Mild

Note: PIGMENT TGLs = 2-6

Stomach

Glandular

Cyst

Uterus

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 465

TRT#: 15

SEX: Female

DAY ON TEST: 676

DOSE: 0.0666%

DISP: Natural Death

HISTO: A87041777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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 - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Gallbladder

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Brain	Thalamus	Mineralization	Minimal
Kidney	Renal Tubule	Dilatation	Mild
	Glomerulus	Necrosis	Mild
	Renal Tubule	Necrosis	Mild
Liver	Centrilobular	Necrosis	Moderate
Lymph Node	Bronchial	Hemorrhage	Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
Ovary		Cyst	
	Note: CYST TGLs = 3-7		
	Note: CYST WALL CONTAINS GRANULOSA/THECA CELLS		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Hemangiosarcoma	
Spleen		Hemangiosarcoma	
	Note: HEMANGIOSARC TGLs = 6-22	Hematopoietic Cell Proliferation	Minimal
Stomach	Glandular	Erosion	Mild
	Glandular	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 465	TRT#: 15	SEX: Female	DAY ON TEST: 676
	DOSE: 0.0666%	DISP: Natural Death	HISTO: A87041777

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EROSION TGLs = 7-4

Thymus

Uterus

Depletion Cellular

Hyperplasia

Moderate

Cystic, Moderate

Note: HYPERPLASIA TGLs = 4-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 466

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041778

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	Lymph Node - Mandibular	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

OBSERVATIONS

Brain	Thalamus	Mineralization	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Regeneration	Minimal
Liver		Inflammation	Chronic, Mild
	Lobules	Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Mild
Note: ALV BRON ADEN TGLs = 3-2			
Nose	Glands	Dilatation	Minimal
Ovary		Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Hyperplasia	Lymphoid, Minimal
Spleen	Lymph Follic	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-6			
Thyroid Gland		Degeneration	Cystic, Minimal
Trachea		Inflammation	Suppurative, Mild
Uterus		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 467

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Gallbladder
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Stomach - Forestomach

Adrenal Gland - Medulla
Heart
Intestine Small - Duodenum
Liver
Nose
Pituitary Gland
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mandibular
Ovary
Salivary Glands
Urinary Bladder

Esophagus
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin

OBSERVATIONS

Bone
Brain
Kidney
Lung
Spleen
Stomach
Thymus
Thyroid Gland
Uterus

Thalamus
Renal Tubule

Glandular

Mucosa

Hyperostosis
Mineralization
Regeneration
Infiltration Cellular
Pigmentation
Cyst
Cyst
Degeneration
Hyperplasia
Metaplasia

Marked
Mild
Minimal
Histiocyte, Minimal
Hemosiderin, Mild

Cystic, Minimal
Cystic, Mild
Squamous, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 468

TRT#: 15

SEX: Female

DAY ON TEST: 728

DOSE: 0.06666%

DISP: Terminal Sacrifice

HISTO: A87041780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Lung	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Developmental Malformation	
	Capsule, Cortex	Hyperplasia	Mild
Bone		Hyperostosis	Mild
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Cyst	
	Renal Tubule	Regeneration	Minimal
Liver		Clear Cell Focus	
		Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic, Minimal
Note: CLEAR CL FOCUS TGLs = 10-26			
Lymph Node	Hemal	Lymphoma Malignant Mixed	
	Iliac	Lymphoma Malignant Mixed	
	Mandibular	Lymphoma Malignant Mixed	
	Mesenteric	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
Note: LYMPH MAL MIXD TGLs = 8-24			
Note: LYMPH MAL MIXD TGLs = 7-23			
Note: LYMPH MAL MIXD TGLs = 6-22			
Note: LYMPH MAL MIXD TGLs = 5-21			
Nose	Glands	Dilatation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 468	TRT#: 15 DOSE: 0.06666%	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 728 HISTO: A87041780
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary Note: CYST TGLs = 1-7	Glands	Exudate Hyperplasia Cyst	Minimal
Salivary Glands Spleen Note: LYMPH MAL MIXD TGLs = 4-6 Note: HEMA CELL PROL TGLs = 4-6		Hyperplasia Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Lymphoid, Minimal Mild
Thyroid Gland Uterus Note: HYDROMETRA TGLs = 3-7 Note: HYPERPLASIA TGLs = 2-7		Inflammation Exudate Hydrometra Hyperplasia	Chronic, Minimal Marked Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: SMOOTH MUSCLE HYPERPLASIA OR POSSIBLY

Animal Note: EARLY LEIOMYOMA IN VAGINA; NOT CODED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 469

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041781

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
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
	Cortex	Basophilic Focus	
Brain	Thalamus	Mineralization	Moderate
Harderian Gland		Adenoma	
Note: ADENOMA	TGLs = 3-22		
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Mild
		Mineralization	Minimal
Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic, Minimal
Note: HEPATOCLR ADEN	TGLs = 2-21		
Note: HEPATOCLR ADEN ALSO ON SLIDE 6			
Lung		Hyperplasia	Lymphoid, Minimal
Lymph Node	Mesenteric	Hemorrhage	Minimal
Stomach	Glandular	Cyst	
Thyroid Gland		Degeneration	Cystic, Mild
Uterus		Hyperplasia	Cystic, Moderate
Note: HYPERPLASIA	TGLs = 1-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 469

TRT#: 15

SEX: Female

DAY ON TEST: 730

DOSE: 0.0666%

DISP: Terminal Sacrifice

HISTO: A87041781

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 470

TRT#: 15

SEX: Female

DAY ON TEST: 710

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	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	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea		

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Bone Marrow		Hemangiosarcoma	
Brain	Thalamus	Mineralization	Minimal
Kidney		Casts Protein	Minimal
		Hyperplasia	Lymphoid, Moderate
	Renal Tubule	Regeneration	Minimal
Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Carcinoma	
Note: HEMANGIOSARC TGLs = 6-22,8-24			
Note: HEMANGIOSARC ALSO PRESENT OF SLIDE 6			
Note: HEPATOCLR CARC TGLs = 7-23			
Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Hyperplasia	Lymphoid, Mild
Lymph Node	Iliac	Hematopoietic Cell Proliferation	Mild
	Iliac	Hyperplasia	Lymphoid, Mild
	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: HYPERPLASIA TGLs = 9-25			
Note: HEMA CELL PROL TGLs = 9-25			
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 470

TRT#: 15

SEX: Female

DAY ON TEST: 710

DOSE: 0.06666%

DISP: Moribund Sacrifice

HISTO: A87041782

ORGAN AND ACCOUNTABLE SITE STATUS

Glands

Dilatation

Minimal

Glands

Hyperplasia

Minimal

Olfactory Epi

Metaplasia

Minimal

Ovary

Cyst

Note: CYST TGLs = 2-7-1

Pancreas

Atrophy

Moderate

Note: ATROPHY TGLs = 4-7

Salivary Glands

Hyperplasia

Lymphoid, Mild

Spleen

Hemangiosarcoma

Hematopoietic Cell Proliferation

Moderate

Note: HEMANGIOSARC ALSO PRESENT ON SLIDE 6

Note: HEMANGIOSARC TGLs = 5-21

Thymus

Cyst

Thyroid Gland

Degeneration

Cystic, Minimal

Urinary Bladder

Hyperplasia

Lymphoid, Minimal

Uterus

Hyperplasia

Cystic, Marked

Note: HYPERPLASIA TGLs = 3-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 471

TRT#: 16

SEX: Female

DAY ON TEST: 457

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 472

TRT#: 16

SEX: Female

DAY ON TEST: 457

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036585

OBSERVATIONS

Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Nose	Mucosa	Degeneration	Hyaline, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Note: PIGMENT	TGLs = 3-6		
Uterus		Exudate	
		Hyperplasia	Cystic, Marked
Note: HYPERPLASIA	TGLs = 1-7,2-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 473

TRT#: 16

SEX: Female

DAY ON TEST: 456

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036586

OBSERVATIONS

Liver

Hepatocyte

Vacuolization Cytoplasmic

Minimal

Uterus

Hyperplasia

Cystic, Mild

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 474

TRT#: 16

SEX: Female

DAY ON TEST: 456

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036587

OBSERVATIONS

Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Nose	Mucosa	Degeneration	Hyaline, Minimal
Skin		Hemorrhage	Moderate
		Inflammation	Acute, Mild

Note: INFLAMMATION TGLs = 1-21

Note: HEMORRHAGE TGLs = 1-21

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 475

TRT#: 16

SEX: Female

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036588

OBSERVATIONS

Liver

Hepatocyte

Cytologic Alterations

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 476	TRT#: 16	SEX: Female	DAY ON TEST: 457
	DOSE: 0.0666% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver	Skin
-------	------

OBSERVATIONS

Nose	Mucosa	Degeneration	Hyaline, Minimal
Uterus		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 477

TRT#: 16

SEX: Female

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036590

OBSERVATIONS

Liver			Inflammation	Chronic Active, Minimal
Lymph Node		Bronchial	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 3-21			
Spleen		Lymph Follic	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 2-6			
Uterus		Epithelium	Hyperplasia	Focal, Mild
			Hyperplasia	Cystic, Mild
Note: HYPERPLASIA	TGLs = 1-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 478	TRT#: 16	SEX: Female	DAY ON TEST: 456
	DOSE: 0.0666% 15 SSAC	DISP: Scheduled Sacrifice	HISTO: A86036591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

OBSERVATIONS

Nose	Mucosa	Degeneration	Hyaline, Mild
Uterus		Exudate	
		Hyperplasia	Cystic, Moderate

Note: HYPERPLASIA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05092-02
Test Type: CHRONIC
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: o-Nitroanisole
CAS Number: 91-23-6

Date Report Requested: 10/23/2014
Time Report Requested: 06:23:43
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 479

TRT#: 16

SEX: Female

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036592

OBSERVATIONS

Liver

Eosinophilic Focus

Nose

Mucosa

Degeneration

Hyaline, Minimal

Uterus

Hyperplasia

Cystic, Moderate

Sarcoma Stromal

Note: HYPERPLASIA TGLs = 1-7

Note: THE STROMAL SARCOMA IS IN AN EARLY STAGE.

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05092-02

Test Type: CHRONIC

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: o-Nitroanisole

CAS Number: 91-23-6

Date Report Requested: 10/23/2014

Time Report Requested: 06:23:43

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 480

TRT#: 16

SEX: Female

DAY ON TEST: 455

DOSE: 0.0666% 15 SSAC

DISP: Scheduled Sacrifice

HISTO: A86036593

OBSERVATIONS

Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE