

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | |
|-----------------------------|------------|
| C Number: | C93027A |
| Lock Date: | 06/12/1996 |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Male |
| PWG Approval Date | NONE |

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9405411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|-----------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|---------------------|--------------------|---------------------------------|------------------------|
| ANIMAL ID: 2 | TRT#: 1 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 0 PPM | DISP: Terminal Sacrifice | HISTO: 9405412 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|--------------|---------------|
| * Preputial Gland | Inflammation | Chronic, Mild |
|-------------------|--------------|---------------|

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|---------------------|--------------------|---------------------------------|------------------------|
| ANIMAL ID: 3 | TRT#: 1 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 0 PPM | DISP: Terminal Sacrifice | HISTO: 9405413 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|-----------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9405414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|--------------|------------------|
| * Kidney | Nephropathy | Minimal |
| * Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9405415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|-----------------------|-------------------------|
| * Heart | Infiltration Cellular | Mononuclear CI, Mild |
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|---------------------|--------------------------------------|---|---|
| ANIMAL ID: 6 | TRT#: 1 DOSE: 0 PPM | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 92 HISTO: 9405416 |
|---------------------|--------------------------------------|---|---|

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|-----------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Lung | Hemorrhage | Focal, Mild |
| * Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|---------------------|--------------------------------------|---|---|
| ANIMAL ID: 7 | TRT#: 1 DOSE: 0 PPM | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 92 HISTO: 9405417 |
|---------------------|--------------------------------------|---|---|

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|--------------|-------------------|
| * Kidney | Nephropathy | Minimal |
| * Preputial Gland | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|---------------------|--------------------------------------|---|---|
| ANIMAL ID: 8 | TRT#: 1 DOSE: 0 PPM | SEX: Male DISP: Terminal Sacrifice | DAY ON TEST: 92 HISTO: 9405418 |
|---------------------|--------------------------------------|---|---|

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|--------------|-----------------|
| * Kidney | Nephropathy | Minimal |
| * Preputial Gland | Inflammation | Chronic, Marked |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9405419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

| | | |
|-------------------|--------------|-------------------|
| * Kidney | Nephropathy | Minimal |
| * Preputial Gland | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: 9405420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|-----------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 11 | TRT#: 2 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 1000 PPM | DISP: Terminal Sacrifice | HISTO: 9405421 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|----------|-----------------|--------|
| Pancreas | Preputial Gland | Testes |
|----------|-----------------|--------|

OBSERVATIONS

| | | |
|--------|-----------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 12 | TRT#: 2 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 1000 PPM | DISP: Terminal Sacrifice | HISTO: 9405422 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|-------|----------|-----------------|--------|
| Liver | Pancreas | Preputial Gland | Testes |
|-------|----------|-----------------|--------|

OBSERVATIONS

| | | |
|--------|-------------|---------|
| Kidney | Nephropathy | Minimal |
|--------|-------------|---------|

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Preputial Gland

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Pancreas

Testes

OBSERVATIONS

Liver

Infiltration Cellular

Mononuclear CI, Minimal

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Infiltration Cellular

Mononuclear CI, Minimal

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 18 | TRT#: 2 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 1000 PPM | DISP: Terminal Sacrifice | HISTO: 9405428 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|--------|----------|--------|
| Kidney | Pancreas | Testes |
|--------|----------|--------|

OBSERVATIONS

| | | |
|--------------------------|--------------|------------------|
| Liver | Necrosis | Marked |
| [Necrosis TGLS = 1-12] | | |
| Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 19 | TRT#: 2 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 1000 PPM | DISP: Terminal Sacrifice | HISTO: 9405429 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|--------|----------|--------|
| Kidney | Pancreas | Testes |
|--------|----------|--------|

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 20

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 1000 PPM

DISP: Terminal Sacrifice

HISTO: 9405430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Moderate

Testes

Atrophy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 21 | TRT#: 3 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 2500 PPM | DISP: Terminal Sacrifice | HISTO: 9405431 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|--------|----------|--------|
| Kidney | Pancreas | Testes |
|--------|----------|--------|

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 22 | TRT#: 3 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 2500 PPM | DISP: Terminal Sacrifice | HISTO: 9405432 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |
| Testes | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Testes

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Pancreas | Atrophy | Focal, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Infiltration Cellular

Mononuclear CI, Minimal

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Preputial Gland

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 27

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

Preputial Gland

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Infiltration Cellular

Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 28 | TRT#: 3 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 2500 PPM | DISP: Terminal Sacrifice | HISTO: 9405438 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 29

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Liver

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 92

DOSE: 2500 PPM

DISP: Terminal Sacrifice

HISTO: 9405440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Liver

Infiltration Cellular

Mononuclear CI, Minimal

Preputial Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 31 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405441 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | | |
|--------|---------|----------|-----------------|
| Kidney | * Liver | Pancreas | Preputial Gland |
| Testes | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 32 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405442 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|---------|----------|--------|
| * Liver | Pancreas | Testes |
|---------|----------|--------|

OBSERVATIONS

| | | |
|-----------------|--------------|---------------|
| Kidney | Nephropathy | Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 33 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405443 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|---------|----------|--------|
| * Liver | Pancreas | Testes |
|---------|----------|--------|

OBSERVATIONS

| | | |
|-----------------|--------------|------------------|
| Kidney | Nephropathy | Minimal |
| Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 34

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9405444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

* Liver

Pancreas

Testes

OBSERVATIONS

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9405445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Pancreas

Atrophy

Focal, Minimal

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 36 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405446 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|-------------------------------|----------|-----------------------|-------------------------|
| NORMAL | | | |
| Kidney | Pancreas | Testes | |
| OBSERVATIONS | | | |
| * Liver | | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 37 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405447 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | | |
|-----------------|--------------|-----------------------|-------------------------|
| Kidney | Renal Tubule | Carcinoma | |
| * Liver | | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 38

TRT#: 4

SEX: Male

DAY ON TEST: 92

DOSE: 5000 PPM

DISP: Terminal Sacrifice

HISTO: 9405448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Liver

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

Preputial Gland

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 39 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405449 |

ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|-------------------------------|----------|-----------------------|-------------------------|
| NORMAL | | | |
| Kidney | Pancreas | Testes | |
| OBSERVATIONS | | | |
| * Liver | | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-----------------------|---------------------------------|------------------------|
| ANIMAL ID: 40 | TRT#: 4 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 5000 PPM | DISP: Terminal Sacrifice | HISTO: 9405450 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|-----------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 41 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405451 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

OBSERVATIONS

| | | |
|-----------------|------------------------|------------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| Preputial Gland | Inflammation | Chronic, Minimal |
| Testes | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|----------------------------|
| ANIMAL ID: 42 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 940545294054 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 43

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 10,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Pancreas

Testes

OBSERVATIONS

* Liver

Cytoplasmic Alteration

Mild

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 44 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405454 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|--------|--------|
| Kidney | Testes |
|--------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|-------------------|
| * Liver | Cytoplasmic Alteration | Mild |
| Pancreas | Atrophy | Focal, Minimal |
| Preputial Gland | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 45 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405455 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|---------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 46 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405456 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 10,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Pancreas

Testes

OBSERVATIONS

Kidney

Nephropathy

Minimal

* Liver

Cytoplasmic Alteration

Mild

Infiltration Cellular

Mononuclear CI, Minimal

Preputial Gland

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 48

TRT#: 5

SEX: Male

DAY ON TEST: 92

DOSE: 10,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Pancreas

Preputial Gland

Testes

OBSERVATIONS

* Liver

Cytoplasmic Alteration

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 49 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405459 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | | |
|--------|----------|--------|
| Kidney | Pancreas | Testes |
|--------|----------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|---------------|
| * Liver | Cytoplasmic Alteration | Mild |
| Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 50 | TRT#: 5 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 10,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405460 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

| | |
|----------|--------|
| Pancreas | Testes |
|----------|--------|

OBSERVATIONS

| | | |
|-----------------|------------------------|-------------------------|
| Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| Preputial Gland | Inflammation | Chronic, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 51 | TRT#: 6 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 20,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405461 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|------------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

OBSERVATIONS

* Liver

* Preputial Gland

Cytoplasmic Alteration
Infiltration Cellular
Inflammation

Mild
Mononuclear CI, Minimal
Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|------------------------|-------------------------|
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| * Lung | Hemorrhage | Focal, Minimal |
| * Preputial Gland | Inflammation | Chronic, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 54 | TRT#: 6 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 20,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405464 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

| | | |
|-------------------|------------------------|-------------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| * Preputial Gland | Inflammation | Chronic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Epididymis
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Urinary Bladder

- * Adrenal Medulla
- * Esophagus
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Mammary Gland
- * Pituitary Gland
- * Skin
- * Thymus

- * Bone
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Nose
- * Prostate
- * Spleen
- * Thyroid Gland

- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Salivary Glands
- * Stomach, Forestomach
- * Trachea

OBSERVATIONS

- * Kidney
- * Liver

- * Preputial Gland
- * Testes

- Nephropathy
- Cytoplasmic Alteration
- Infiltration Cellular
- Inflammation
- Atrophy

- Minimal
- Mild
- Mononuclear CI, Mild
- Chronic, Moderate
- Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11
Test Type: 90-DAY
Route: DOSED FEED
Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Peroxisome project (Dibutyl phthalate)
CAS Number: 84-74-2

Date Report Requested: 10/23/2014
Time Report Requested: 06:14:02
First Dose M/F: NA / NA
Lab: BAT

| | | | |
|----------------------|-------------------------|---------------------------------|------------------------|
| ANIMAL ID: 56 | TRT#: 6 | SEX: Male | DAY ON TEST: 92 |
| | DOSE: 20,000 PPM | DISP: Terminal Sacrifice | HISTO: 9405466 |

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

| | | |
|-------------------|------------------------|------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Cytoplasmic Alteration | Mild |
| * Preputial Gland | Inflammation | Chronic, Minimal |
| * Testes | Atrophy | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

OBSERVATIONS

* Kidney
* Liver

* Preputial Gland

Nephropathy
Cytoplasmic Alteration
Infiltration Cellular
Inflammation

Minimal
Mild
Mononuclear CI, Minimal
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Prostate
* Spleen
* Thymus

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver
* Preputial Gland

Hypertrophy
Nephropathy
Cytoplasmic Alteration
Inflammation

Minimal
Minimal
Mild
Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Prostate
* Spleen
* Thymus

* Bone
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney
* Liver
* Preputial Gland

Nephropathy
Cytoplasmic Alteration
Inflammation

Minimal
Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 93027-11

Test Type: 90-DAY

Route: DOSED FEED

Species/Strain: Rat/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Peroxisome project (Dibutyl phthalate)

CAS Number: 84-74-2

Date Report Requested: 10/23/2014

Time Report Requested: 06:14:02

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 60

TRT#: 6

SEX: Male

DAY ON TEST: 92

DOSE: 20,000 PPM

DISP: Terminal Sacrifice

HISTO: 9405470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | |
|-------------------|------------------------|---------------|
| * Liver | Cytoplasmic Alteration | Mild |
| * Preputial Gland | Inflammation | Chronic, Mild |
| * Testes | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE