

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

<b>C Number:</b>	C93025
<b>Lock Date:</b>	04/24/1997
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38256
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
	Nephropathy	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38257
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38258
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

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**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Accumulation, Hyaline Droplet	Minimal

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38259
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
	Nephropathy	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 38260

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38261
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ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal 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      | * Larynx                    |
| * Liver                  | * Lung                     | * Lymph Node, Mandibular  | * Lymph Node, Mediastinal   |
| * Lymph Node, Mesenteric | * Nose                     | * Pancreas                | * Parathyroid Gland         |
| * Pituitary Gland        | * Preputial Gland          | * Prostate                | * Salivary Glands           |
| * Seminal Vesicle        | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular     | * Testes                   | * Thyroid Gland           | * Trachea                   |
| * Urinary Bladder        |                            |                           |                             |

**MISSING**

- |                         |                 |          |
|-------------------------|-----------------|----------|
| * Lymph Node, Bronchial | * Mammary Gland | * Thymus |
|-------------------------|-----------------|----------|

**OBSERVATIONS**

- |          |                               |         |
|----------|-------------------------------|---------|
| * Kidney | Accumulation, Hyaline Droplet | Minimal |
|----------|-------------------------------|---------|

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38262
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

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**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
	Nephropathy	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> CONTROL	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 93 <b>HISTO:</b> 38263
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Mammary Gland

OBSERVATIONS

- |          |                               |         |
|----------|-------------------------------|---------|
| * Heart  | Cardiomyopathy                | Minimal |
| * Kidney | Accumulation, Hyaline Droplet | Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 38264

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
* Kidney	Accumulation, Hyaline Droplet	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:41

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 38265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- |                         |                 |
|-------------------------|-----------------|
| * Lymph Node, Bronchial | * Mammary Gland |
|-------------------------|-----------------|

OBSERVATIONS

- |            |   |         |
|------------|---|---------|
| * Heart    | Cardiomyopathy                            | Minimal |
| * Kidney   | Accumulation, Hyaline Droplet             | Minimal |
|            | Nephropathy                               | Minimal |
| * Liver    | Hepatodiaphragmatic Nodule                |         |
|            | Necrosis                                  | Mild    |
|            | [ Hepatodiaphragmatic Nodule TGLS = 1-4 ] |         |
| * Pancreas | Basophilic Focus                          |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38356

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38357

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38358

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38359

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38360

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38361

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Stomach, Forestomach

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**OBSERVATIONS**

* Kidney	Accumulation, Hyaline Droplet	Minimal
Stom Forestom		

Note: The "perforation, 1.2cm dia" noted at necropsy was not apparent microscopically and may have been artifact.

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38362

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 208

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38363

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38364

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38365

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 401

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38336

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Liver

Note: The "nodule, 2x4mm" noted at trim was normal variation in lobar morphology.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 402

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38337

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 403

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38338

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 404

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38339

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 405

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38340

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 406

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38341

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 407

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38342

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38343

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 409

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38344

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 410

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38345

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 601

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38316

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 602

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38317

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 603

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38318

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 604

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38319

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 605

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38320

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 606

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38321

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

\* Nose

Olfactory Epi

Nephropathy

Minimal

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 607

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38322

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

\* Nose

Olfactory Epi

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 608

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38323

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 609

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38324

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

\* Nose

Olfactory Epi

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 610

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38325

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

\* Nose

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

Liver

Note: "Nodule, 9x5mm" noted at necropsy was normal variation in lobar morphology.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 801

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38296

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 802

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38297

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 803

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38298

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 804

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38299

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 805

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38300

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 806

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38301

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 807

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38302

---

**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 808

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38303

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:41

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 809

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38304

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**OBSERVATIONS**

\* Kidney

Accumulation, Hyaline Droplet

Mild

Nephropathy

Minimal

\* Nose

Olfactory Epi

Necrosis

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

---

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 93

DOSE: 60 PPM

DISP: Terminal Sacrifice

HISTO: 38305

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Liver

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**OBSERVATIONS**

* Kidney		Accumulation, Hyaline Droplet Nephropathy	Mild Minimal
Liver			
Note: "Nodule, 6x4mm" noted at necropsy was normal variation in lobar morphology.			
* Nose	Olfactory Epi	Necrosis	Mild

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Larynx		Inflammation	Moderate
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38277

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**INSUFFICIENT TISSUE**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1003

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38278

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

* Lymph Node, Bronchial	* Mammary Gland
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**OBSERVATIONS**

* Kidney		Accumulation, Hyaline Droplet	Mild
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1005

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38280

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

**OBSERVATIONS**

* Kidney		Accumulation, Hyaline Droplet	Mild
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38281

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Mammary Gland

**OBSERVATIONS**

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal 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	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1008

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal 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	* Larynx
* Liver	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1009

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Accumulation, Hyaline Droplet	Mild
		Nephropathy	Minimal
* Nose		Inflammation	Minimal
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Accumulation, Hyaline Droplet	Mild
	Nephropathy	Minimal
* Nose	Olfactory Epi	Mild
	Olfactory Epi	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 101

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38266

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Clitoral Gland

\* Esophagus

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Larynx

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mediastinal

\* 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

\* Uterus

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**MISSING**

\* Lymph Node, Bronchial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 102

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38267

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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	* Uterus		

**MISSING**

\* Lymph Node, Bronchial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 103

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38268

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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**

* Liver	Inflammation	Granulomatous, Mild
* Nose	Foreign Body	
	Inflammation	Suppurative, Mild
	Olfactory Epi	Mild
	Metaplasia	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

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**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38269

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Clitoral Gland

\* Esophagus

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Larynx

\* Liver

\* Lung

\* Lymph Node, Bronchial

\* Lymph Node, Mandibular

\* Lymph Node, Mediastinal

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

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**MISSING**

\* Parathyroid Gland

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 105

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38270

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- \* Adrenal Cortex
- \* Brain
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Ovary
- \* Salivary Glands
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Clitoral Gland
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lung
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Skin
- \* Thymus
- \* Uterus

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Bronchial
- \* Mammary Gland
- \* Parathyroid Gland
- \* Spleen
- \* Thyroid Gland

- \* Bone Marrow
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Mandibular
- \* Nose
- \* Pituitary Gland
- \* Stomach, Forestomach
- \* Trachea

**OBSERVATIONS**

- \* Liver Inflammation Granulomatous, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 106

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38271

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Bone

\* Bone Marrow

\* Brain

\* Clitoral Gland

\* Esophagus

\* Heart

\* Intestine Large, Cecum

\* Intestine Large, Colon

\* Intestine Large, Rectum

\* Intestine Small, Duodenum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

\* Islets, Pancreatic

\* Kidney

\* Larynx

\* Liver

\* Lung

\* Lymph Node, Bronchial

\* Lymph Node, Mandibular

\* Lymph Node, Mediastinal

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

---

**INSUFFICIENT TISSUE**

\* Pituitary Gland

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 107

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38272

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

---

**MISSING**

\* Parathyroid Gland

---

PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 108

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38273

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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
* Uterus			

**MISSING**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Liver	Inflammation	Granulomatous, Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 109

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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
* Uterus			

**MISSING**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Heart	Cardiomyopathy	Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 110

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38275

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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	* Uterus	

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 301

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38366

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

Liver

Necrosis

Mild

[ Necrosis TGLS = 1-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 302

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38367

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38368

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 304

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38369

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38370

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38371

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 307

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38372

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 308

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38373

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38374

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 7.5 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38375

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38346

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38347

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

\* Nose

---

**OBSERVATIONS**

Liver

Note: "Nodule, .7x.2cm" noted at necropsy was normal variation in lobar morphology.

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38348

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38349

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38350

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38351

---

**OBSERVATIONS**

Liver

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

Hepatodiaphragmatic Nodule

\* Nose

Olfactory Epi

Inflammation

Minimal

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 507

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38352

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

Mesentery

Fat

Necrosis

Mild

[ Necrosis TGLS = 3-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 508

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38353

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38354

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 15 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38355

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**OBSERVATIONS**

Mesentery

Fat

Necrosis

Mild

[ Necrosis TGLS = 1-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 701

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38326

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 702

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38327

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

---

**OBSERVATIONS**

Liver

Note: The "nodule, .3x.6cm" noted at necropsy was normal variation in lobar morphology.

\* Nose

Inflammation

Mild

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 703

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38328

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 704

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38329

---

**OBSERVATIONS**

\* Nose

Inflammation

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 705

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38330

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 706

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38331

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 707

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38332

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Nose

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38333

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

---

**OBSERVATIONS**

Liver

Note: "Nodule, 1x.4cm" noted at necropsy was normal variation in lobar morphology.

\* Nose

Olfactory Epi

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 709

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38334

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Inflammation

Minimal

Necrosis

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 710

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 30 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38335

---

**OBSERVATIONS**

Liver [ Hepatodiaphragmatic Nodule TGLS = 1-11 ]  
Hepatodiaphragmatic Nodule

\* Nose Olfactory Epi Necrosis Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 901

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38306

---

**OBSERVATIONS**

Liver [ Hepatodiaphragmatic Nodule TGLS = 1-11 ]  
Hepatodiaphragmatic Nodule

\* Nose Olfactory Epi Necrosis Mild  
Olfactory Epi Regeneration Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 902

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38307

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Inflammation

Minimal

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 903

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38308

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 904

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38309

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 905

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38310

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 906

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38311

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 907

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38312

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 908

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38313

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Inflammation

Necrosis

Mild

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 909

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38314

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Inflammation

Mild

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93025-05

**Test Type:** 90-DAY

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Tetralin

**CAS Number:** 119-64-2

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 05:13:42

**First Dose M/F:** NA / NA

**Lab:** BNW

---

**ANIMAL ID:** 910

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 60 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38315

---

**OBSERVATIONS**

\* Nose

Olfactory Epi

Necrosis

Mild

Olfactory Epi

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1101

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1102

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* 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	

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	
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**OBSERVATIONS**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1103

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38288

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose		Inflammation	Mild
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1104

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38290

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1106

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1107

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38292

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* 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

**MISSING**

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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**OBSERVATIONS**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1108

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38293

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* 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**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1109

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 120 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38294

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* 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			

**MISSING**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Nose	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93025-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Tetralin

CAS Number: 119-64-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:13:42

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 120 PPM

DISP: Terminal Sacrifice

HISTO: 38295

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Larynx	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

**MISSING**

\* Lymph Node, Bronchial

**OBSERVATIONS**

* Nose		Inflammation	Minimal
	Olfactory Epi	Necrosis	Mild
	Olfactory Epi	Regeneration	Mild
* Stomach, Glandular		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE