

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

<b>C Number:</b>	C93026
<b>Lock Date:</b>	07/01/1997
<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: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

<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> 38578
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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, Bronchial   | * Lymph Node, Mandibular    |
| * Lymph Node, Mediastinal | * 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          |                           |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                          |        |                               |                               |
|--------------------------|--------|-------------------------------|-------------------------------|
| * Kidney                 | Cortex | Accumulation, Hyaline Droplet | Minimal                       |
| * Lymph Node, Mesenteric |        | Inflammation                  | Granulomatous, Focal, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 93
	<b>DOSE:</b> CONTROL	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 38579

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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	Cortex	Accumulation, Hyaline Droplet	Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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> 38580
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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, Bronchial	* Lymph Node, Mandibular
* 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, Mediastinal	* Parathyroid Gland
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**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

<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> 38581
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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, Bronchial	* Lymph Node, Mandibular
* 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, Mediastinal	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 5	<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> 38582
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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	* 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	Cortex	Accumulation, Hyaline Droplet	Minimal
	Cortex	Regeneration	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

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<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> 38583
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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	* 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	Cortex	Accumulation, Hyaline Droplet	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

<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> 38584
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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, Bronchial   | * Lymph Node, Mandibular    |
| * Lymph Node, Mediastinal | * Mammary Gland            | * Nose                    | * Pancreas                  |
| * Parathyroid Gland       | * Preputial Gland          | Prostate                  | * Salivary Glands           |
| * Seminal Vesicle         | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular      | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                 | * Urinary Bladder          |                           |                             |

INSUFFICIENT TISSUE

- \* Pituitary Gland

OBSERVATIONS

- |                          |        |                               |                               |
|--------------------------|--------|-------------------------------|-------------------------------|
| * Kidney                 | Cortex | Accumulation, Hyaline Droplet | Minimal                       |
| * Lymph Node, Mesenteric |        | Inflammation                  | Granulomatous, Focal, Minimal |

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 93

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 38585

**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
* 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	* Mammary Gland
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**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Minimal
	Cortex	Regeneration	Minimal
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

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<b>ANIMAL ID:</b> 9	<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> 38586
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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	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

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**MISSING**

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

* Kidney	Cortex	Accumulation, Hyaline Droplet	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38587

**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	* 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	* Trachea
* Urinary Bladder			

**MISSING**

* Mammary Gland	* Thyroid Gland
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**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Minimal
* Lung		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 201

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38678

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Minimal

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 202

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38679

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Minimal

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 203

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38680

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Minimal

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 204

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38681

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Minimal

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 205

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38682

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 206

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38683

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 207

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38684

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 208

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38685

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 209

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38686

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 210

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38687

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Minimal

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 401

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38658

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 402

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38659

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 403

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38660

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 404

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38661

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 405

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38662

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 406

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38663

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 407

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38664

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 408

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38665

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 409

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38666

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 410

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38667

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 601

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38638

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 602

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38639

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 603

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38640

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 604

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38641

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Mild

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 605

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38642

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 606

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38643

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 607

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38644

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 608

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38645

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Liver

---

**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 609

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38646

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis

---

**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Cortex	Regeneration	Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 610

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38647

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 801

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38618

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 802

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38619

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 803

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38620

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 804

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38621

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Moderate

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 805

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38622

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Moderate

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 806

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38623

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 807

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38624

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Minimal

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 808

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38625

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 809

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38626

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**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 810

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38627

---

**OBSERVATIONS**

\* Kidney

Cortex

Accumulation, Hyaline Droplet

Moderate

Medulla

Casts Granular

Mild

Cortex

Regeneration

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38598

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, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild
* Stomach, Forestomach		Diverticulum	
[ Diverticulum TGLS = 1-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38599

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   | * Nose                    | * Pancreas                  |
| * Pituitary Gland         | * Preputial Gland          | Prostate                  | * Salivary Glands           |
| * Seminal Vesicle         | * Skin                     | * Spleen                  | * Stomach, Forestomach      |
| * Stomach, Glandular      | * Testes                   | * Thymus                  | * Thyroid Gland             |
| * Trachea                 | * Urinary Bladder          |                           |                             |

MISSING

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

OBSERVATIONS

- |          |         |                               |          |
|----------|---------|-------------------------------|----------|
| * Kidney | Cortex  | Accumulation, Hyaline Droplet | Moderate |
|          | Medulla | Casts Granular                | Mild     |
|          | Cortex  | Regeneration                  | Mild     |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1003

**TRT#:** 11

**SEX:** Male

**DAY ON TEST:** 93

**DOSE:** 400 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38600

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

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

\* Adrenal Medulla

**OBSERVATIONS**

* Kidney	Cortex	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38601

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
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

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

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Liver
- \* Lymph Node, Mesenteric
- \* Preputial Gland
- \* Skin
- \* Testes
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Epididymis
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lung
- \* Nose
- Prostate
- \* Spleen
- \* Thymus

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone Marrow
- \* Heart
- \* Intestine Small, Duodenum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Trachea

MISSING

\* Lymph Node, Bronchial

\* Mammary Gland

\* Parathyroid Gland

OBSERVATIONS

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38603

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
* 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			

MISSING

* Lymph Node, Bronchial	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Cortex	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38604

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	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* 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

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Kidney	Cortex	Accumulation, Hyaline Droplet	Mild
	Medulla	Casts Granular	Moderate
	Cortex	Regeneration	Mild
* Lung		Inflammation	Chronic, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38605

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	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38606

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	* 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	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Moderate
	Cortex	Regeneration	Mild
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38607

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	* 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	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Cortex	Accumulation, Hyaline Droplet	Moderate
	Medulla	Casts Granular	Mild
	Cortex	Regeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 101

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38588

**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 | * Mammary Gland            | * Nose                    | * 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, Focal, Minimal |
| * Lymph Node, Mesenteric | Inflammation | Granulomatous, Focal, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38589

**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

\* 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

**OBSERVATIONS**

\* Liver

Inflammation

Granulomatous, Focal, Minimal

\* Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38590

**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

\* 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

**OBSERVATIONS**

\* Liver

Inflammation

Granulomatous, Focal, Minimal

\* Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 104

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** CONTROL

**DISP:** Terminal Sacrifice

**HISTO:** 38591

**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
* 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, Focal, Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38592

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lung  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Clitoral Gland  
\* Intestine Large, Colon  
\* Islets, Pancreatic  
\* Lymph Node, Bronchial  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Bone  
\* Esophagus  
\* Intestine Small, Duodenum  
\* Kidney  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone Marrow  
\* Heart  
\* Intestine Small, Ileum  
\* Larynx  
\* Lymph Node, Mediastinal  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

**INSUFFICIENT TISSUE**

\* Intestine Large, Rectum

**OBSERVATIONS**

\* Liver  
\* Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38593

**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	* Mammary Gland	* Nose	* 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, Focal, Mild
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38594

**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	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* 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**

* Lung	Inflammation	Chronic, Focal, Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38595

**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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

**OBSERVATIONS**

* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38596

**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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Larynx
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* 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**

* Intestine Large, Rectum	* Lymph Node, Mediastinal
---------------------------	---------------------------

**OBSERVATIONS**

* Liver	Inflammation	Granulomatous, Focal, Mild
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:03

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:** 38597

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Brain

\* Intestine Large, Cecum

\* Intestine Small, Ileum

\* Larynx

\* Lymph Node, Mediastinal

\* Pancreas

\* Spleen

\* Thyroid Gland

\* Adrenal Medulla

\* Clitoral Gland

\* Intestine Large, Colon

\* Intestine Small, Jejunum

\* Liver

\* Mammary Gland

\* Pituitary Gland

\* Stomach, Forestomach

\* Trachea

\* Bone

\* Esophagus

\* Intestine Large, Rectum

\* Islets, Pancreatic

\* Lung

\* Nose

\* Salivary Glands

\* Stomach, Glandular

\* Urinary Bladder

\* Bone Marrow

\* Heart

\* Intestine Small, Duodenum

\* Kidney

\* Lymph Node, Mandibular

\* Ovary

\* Skin

\* Thymus

\* Uterus

**MISSING**

\* Lymph Node, Bronchial

\* Parathyroid Gland

**OBSERVATIONS**

\* Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

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**ANIMAL ID:** 301

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38688

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 302

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38689

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 303

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38690

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 304

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38691

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 305

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38692

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 306

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38693

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 307

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38694

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 308

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38695

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 309

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38696

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 310

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 25 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38697

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38668

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 502

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38669

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38670

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38671

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38672

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38673

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 507

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38674

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:03

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

**Lab:** BNW

---

**ANIMAL ID:** 508

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38675

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38676

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 50 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38677

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 701

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38648

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 702

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38649

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 703

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38650

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 704

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38651

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Mild  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 705

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38652

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 706

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38653

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 707

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38654

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 708

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38655

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 709

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38656

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 710

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 100 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38657

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 901

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38628

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 902

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38629

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Mild

Necrosis

Minimal

Regeneration

Mild

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 903

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38630

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 904

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38631

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 905

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38632

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 906

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38633

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 907

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38634

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 908

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38635

---

**OBSERVATIONS**

Liver

Inflammation

Granulomatous, Focal, Minimal

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 909

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38636

---

**OBSERVATIONS**

Liver  
Lymph Node, Mesenteric

Inflammation  
Inflammation

Granulomatous, Focal, Minimal  
Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

---

**ANIMAL ID:** 910

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 200 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38637

---

**OBSERVATIONS**

Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38608

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   |
| * Mammary Gland          | * Nose                     | * Ovary                   | Oviduct                     |
| * 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, Focal, Minimal |
| * Lymph Node, Mesenteric | Inflammation | Granulomatous, Focal, Minimal |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1102

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 400 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38609

**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, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

**MISSING**

\* Lymph Node, Mediastinal

**OBSERVATIONS**

\* Liver

Inflammation

Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38610

**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, Mediastinal
* 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, Mandibular

**OBSERVATIONS**

* Liver	Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 1-11 ]		
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

**ANIMAL ID:** 1104

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 400 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38611

**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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**OBSERVATIONS**

* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal
* Uterus	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

**ANIMAL ID:** 1105

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 400 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38612

**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	* 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

**OBSERVATIONS**

* Liver	Inflammation	Granulomatous, Focal, Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 93026-05

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Decalin

**CAS Number:** 91-17-8

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 16:02:04

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

**Lab:** BNW

**ANIMAL ID:** 1106

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 93

**DOSE:** 400 PPM

**DISP:** Terminal Sacrifice

**HISTO:** 38613

**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
* 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, Mediastinal

**OBSERVATIONS**

* Liver	Inflammation	Granulomatous, Focal, Minimal
* Lymph Node, Mesenteric	Inflammation	Granulomatous, Focal, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38614

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 | * Mammary Gland            | * Nose                    | * 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, Focal, Minimal |
| * Lymph Node, Mesenteric | Inflammation | Granulomatous, Focal, Minimal |
| Oviduct                  | Inflammation | Suppurative, Mild             |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Lymph Node, Mediastinal
- \* Pancreas
- \* Skin
- \* Thymus
- \* Uterus

- \* Adrenal Medulla
- \* Clitoral Gland
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Liver
- \* Mammary Gland
- \* Parathyroid Gland
- \* Spleen
- \* Thyroid Gland

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lung
- \* Nose
- \* Pituitary Gland
- \* Stomach, Forestomach
- \* Trachea

- \* Bone Marrow
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Mandibular
- \* Ovary
- \* Salivary Glands
- \* Stomach, Glandular
- \* Urinary Bladder

MISSING

- \* Lymph Node, Bronchial

OBSERVATIONS

- \* Lymph Node, Mesenteric

Inflammation

Granulomatous, Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Brain
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Larynx
- \* Mammary Gland
- \* Parathyroid Gland
- \* Spleen
- \* Thyroid Gland

- \* Adrenal Medulla
- \* Clitoral Gland
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Liver
- \* Nose
- \* Pituitary Gland
- \* Stomach, Forestomach
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mandibular
- \* Ovary
- \* Salivary Glands
- \* Stomach, Glandular
- \* Urinary Bladder

- \* Bone Marrow
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Lymph Node, Mediastinal
- \* Pancreas
- \* Skin
- \* Thymus
- \* Uterus

MISSING

- \* Lymph Node, Bronchial

OBSERVATIONS

- |                              |                            |                                    |
|------------------------------|----------------------------|------------------------------------|
| * Lung                       | Hemorrhage<br>Inflammation | Minimal<br>Chronic, Focal, Minimal |
| [ Hemorrhage TGLS = 2-3+3A ] |                            |                                    |
| * Lymph Node, Mesenteric     | Inflammation               | Granulomatous, Focal, Minimal      |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 93026-05

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/18/2014

Time Report Requested: 16:02:04

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 93

DOSE: 400 PPM

DISP: Terminal Sacrifice

HISTO: 38617

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 | * Mammary Gland            | * Nose                    | * Ovary                     |
| * Pancreas                | * Pituitary Gland          | * Salivary Glands         | * Skin                      |
| * Stomach, Forestomach    | * Stomach, Glandular       | * Thymus                  | * Thyroid Gland             |
| * Trachea                 | * Urinary Bladder          | * Uterus                  |                             |

MISSING

- \* Parathyroid Gland

OBSERVATIONS

- |                          |              |                               |
|--------------------------|--------------|-------------------------------|
| * Liver                  | Inflammation | Granulomatous, Focal, Minimal |
| * Lymph Node, Mesenteric | Inflammation | Granulomatous, Focal, Minimal |
| * Spleen                 | Angiectasis  | Mild                          |

[ Angiectasis TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE