

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

<b>C Number:</b>	C88035
<b>Lock Date:</b>	03/16/1992
<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: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102681

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatodiaphragmatic Nodule	

[ Hepatodiaphragmatic Nodule TGLS = 1-12 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102682

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9102683
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102684

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102685

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Heart	Cardiomyopathy	Chronic, Mild
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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102686

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

- \* Adrenal Cortex
- \* Bone Marrow
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Nose
- \* Preputial Gland
- \* Skin
- \* Testes
- \* Urinary Bladder

- \* Adrenal Medulla
- \* Brain
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Prostate
- \* Spleen
- \* Thymus

- \* Blood Vessel
- \* Epididymis
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Salivary Glands
- \* Stomach, Forestomach
- \* Thyroid Gland

- \* Bone
- \* Esophagus
- \* Intestine Small, Duodenum
- \* Liver
- \* Mammary Gland
- \* Pituitary Gland
- \* Seminal Vesicle
- \* Stomach, Glandular
- \* Trachea

**OBSERVATIONS**

- |          |                |                  |
|----------|----------------|------------------|
| * Heart  | Cardiomyopathy | Chronic, Minimal |
| * Kidney | Nephropathy    | Minimal          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9102687
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 1-12 ]			
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9102688
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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 1-12 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102689

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney	Nephropathy	Minimal
* Prostate	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102690

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Preputial Gland  
\* Skin  
\* Testes  
\* Urinary Bladder

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Pancreas  
\* Prostate  
\* Spleen  
\* Thymus

\* Blood Vessel  
\* Epididymis  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Parathyroid Gland  
\* Salivary Glands  
\* Stomach, Forestomach  
\* Thyroid Gland

\* Bone  
\* Esophagus  
\* Intestine Small, Duodenum  
\* Liver  
\* Mammary Gland  
\* Pituitary Gland  
\* Seminal Vesicle  
\* Stomach, Glandular  
\* Trachea

**OBSERVATIONS**

\* Heart  
\* Kidney

Cardiomyopathy  
Nephropathy

Chronic, Minimal  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 11

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102781

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Liver

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**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 12

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102782

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 13

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102783

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 14

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102784

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

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**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 15

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102785

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 16

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102786

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 17

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102787

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 18

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102788

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 19

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102789

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**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 20

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102790

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 21

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102761

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 22

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102762

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 23

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102763

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 24

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102764

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 25

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102765

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Hepatodiaphragmatic Nodule

Centrilobular, Hepatocyte

Hypertrophy

Minimal

[ Hepatodiaphragmatic Nodule TGLS = 1-12 ]

[ Hypertrophy TGLS = 2-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 26

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102766

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 27

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102767

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

<b>ANIMAL ID:</b> 28	<b>TRT#:</b> 5 <b>DOSE:</b> 0.06%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9102768
<b>OBSERVATIONS</b>			
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
<b>PRIMARY CAUSE OF DEATH</b>			
-			

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 29

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102769

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 30

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102770

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 31

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102741

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 32

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102742

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 33

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102743

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 34

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102744

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 35

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102745

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 36

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102746

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 37

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102747

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 38

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102748

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Hepatodiaphragmatic Nodule

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hepatodiaphragmatic Nodule TGLS = 1-12 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 39

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102749

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 40

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102750

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 41

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102721

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 42

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102722

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Minimal

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 43

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102723

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 44

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102724

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 45

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102725

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 46

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102726

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 47

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102727

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 48

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102728

---

**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 49

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102729

---

**OBSERVATIONS**

* Kidney		Nephropathy	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 2-12 ]			

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 50

**TRT#:** 9

**SEX:** Male

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102730

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**OBSERVATIONS**

\* Kidney

Nephropathy

Mild

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102701

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102702

**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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Germinal Epith	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102703

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102704

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102705

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102706

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102707

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 11 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9102708
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102709

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

<b>ANIMAL ID:</b> 60	<b>TRT#:</b> 11 <b>DOSE:</b> 0.5%	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 92 <b>HISTO:</b> 9101710
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ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* 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		Nephropathy	Moderate
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Necrosis	Mild

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 61

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102691

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

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**MISSING**

\* Parathyroid Gland

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 62

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102692

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

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**ANIMAL ID:** 63

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102693

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 64

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102694

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102695

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

\* Pituitary Gland

Craniophar Dct, Pars Distalis

Cyst

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 66

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102696

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 67

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102697

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102698

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Pituitary Gland

Craniophar Dct, Pars Distalis

Cyst

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:20

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 92

DOSE: 0%

DISP: Terminal Sacrifice

HISTO: 9102699

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**MISSING**

\* Parathyroid Gland

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 70

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0%

**DISP:** Terminal Sacrifice

**HISTO:** 9102700

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Liver

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 71

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102791

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 72

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102792

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 73

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102793

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 74

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102794

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

Ovary

Cyst

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 75

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102795

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 76

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102796

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 77

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102797

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**OBSERVATIONS**

Ovary

Cyst

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 78

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102798

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 79

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102799

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 80

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.03%

**DISP:** Terminal Sacrifice

**HISTO:** 9102800

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 81

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102771

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 82

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102772

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Minimal

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 83

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102773

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 84

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102774

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 85

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102775

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 86

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102776

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 87

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102777

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 88

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102778

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 89

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102779

---

**OBSERVATIONS**

\* Liver

Hepatodiaphragmatic Nodule

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 90

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.06%

**DISP:** Terminal Sacrifice

**HISTO:** 9102780

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

\* Liver

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 91

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102751

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 92

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102752

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 93

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102753

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Mild

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

[ Hypertrophy TGLS = 2-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 94

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102754

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 95

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102755

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 96

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102756

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 97

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102757

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 98

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102758

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Mild

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 99

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102759

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 100

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.13%

**DISP:** Terminal Sacrifice

**HISTO:** 9102760

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 101

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102731

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:20

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

**Lab:** BAT

---

**ANIMAL ID:** 102

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102732

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 103

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102733

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 104

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102734

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Moderate

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

[ Hypertrophy TGLS = 2-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 105

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102735

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 106

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102736

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 107

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102737

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 108

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102738

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 109

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102739

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 88035-03

**Test Type:** 90-DAY

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Primidone (primaclone)

**CAS Number:** 125-33-7

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 08:27:21

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

**Lab:** BAT

---

**ANIMAL ID:** 110

**TRT#:** 10

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.25%

**DISP:** Terminal Sacrifice

**HISTO:** 9102740

---

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Moderate

[ Hepatodiaphragmatic Nodule TGLS = 2-11 ]

[ Hypertrophy TGLS = 3-4+11 ]

Ovary

Cyst

[ Cyst TGLS = 1-10 ]

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102711

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 112

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 9102712

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 113

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 9102713

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 114

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 9102714

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

**ANIMAL ID:** 115

**TRT#:** 12

**SEX:** Female

**DAY ON TEST:** 92

**DOSE:** 0.5%

**DISP:** Terminal Sacrifice

**HISTO:** 9102715

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hypertrophy

Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102716

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Moderate

[ Hepatodiaphragmatic Nodule TGLS = 1-4 ]

[ Hypertrophy TGLS = 2-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102717

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex

\* Adrenal Medulla

\* Blood Vessel

\* 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

\* Lung

\* Lymph Node, Mandibular

\* Lymph Node, Mesenteric

\* Mammary Gland

\* Nose

\* Ovary

\* Pancreas

\* Parathyroid Gland

\* Pituitary Gland

\* Salivary Glands

\* Skin

\* Spleen

\* Stomach, Forestomach

\* Stomach, Glandular

\* Thymus

\* Thyroid Gland

\* Trachea

\* Urinary Bladder

\* Uterus

**OBSERVATIONS**

\* Liver

Centrilobular, Hepatocyte

Hepatodiaphragmatic Nodule

Hypertrophy

Moderate

[ Hepatodiaphragmatic Nodule TGLS = 1-11 ]

[ Hypertrophy TGLS = 2-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102718

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate

[ Hypertrophy TGLS = 1-4 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102719

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* 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	* Uterus		

**OBSERVATIONS**

* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Moderate
[ Hypertrophy TGLS = 1-4 ]			
* Lung		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 88035-03

Test Type: 90-DAY

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Primidone (primaclone)

CAS Number: 125-33-7

Date Report Requested: 10/19/2014

Time Report Requested: 08:27:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 92

DOSE: 0.5%

DISP: Terminal Sacrifice

HISTO: 9102720

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Bone Marrow  
\* Heart  
\* Intestine Small, Duodenum  
\* Kidney  
\* Mammary Gland  
\* Parathyroid Gland  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Brain  
\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Lung  
\* Nose  
\* Pituitary Gland  
\* Stomach, Forestomach  
\* Trachea

\* Blood Vessel  
\* Clitoral Gland  
\* Intestine Large, Colon  
\* Intestine Small, Jejunum  
\* Lymph Node, Mandibular  
\* Ovary  
\* Salivary Glands  
\* Stomach, Glandular  
\* Urinary Bladder

\* Bone  
\* Esophagus  
\* Intestine Large, Rectum  
\* Islets, Pancreatic  
\* Lymph Node, Mesenteric  
\* Pancreas  
\* Skin  
\* Thymus  
\* Uterus

**OBSERVATIONS**

\* Liver  
[ Hypertrophy TGLS = 1-4 ]

Centrilobular, Hepatocyte

Hypertrophy

Moderate

PRIMARY CAUSE OF DEATH

-

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

\* PROTOCOL REQUIRED TISSUE