

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C03281
<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>	Male

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Chronic Diffuse
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Stomach

Ectopia

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Pyelonephritis, Nos
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Prostate		Inflammation, Acute
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
Urinary bladder		Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver  
Stomach

Metamorphosis, Fatty  
Erosion

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung Alveolar/Bronchiolar Adenoma

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
	Bile Duct	Inflammation, Chronic Diffuse
Stomach		Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Chronic Diffuse
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver  
Lymph node

Bile Duct  
Mesenteric Lymph Node

Inflammation, Chronic Diffuse  
Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Chronic Diffuse
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Heart		Adenocarcinoma, Nos
Kidney		Adenocarcinoma, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mediastinal Lymph Node	Adenocarcinoma, Nos
Skin	Scalp	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node  
Spleen

Mesenteric Lymph Node

Hematopoiesis  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Chronic Diffuse
Lymph node	Mesenteric Lymph Node	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 500 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node  
Spleen

Mesenteric Lymph Node

Lymphoma, Nos-Malignant  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Bile Duct	Inflammation, Chronic Necrosis, Nos
Pancreas		Inflammation, Chronic Focal Thrombosis, Nos
Testis		Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Lung	Alveolar/Bronchiolar Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Lumbar Lymph Node  
Mesenteric Lymph Node

Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Inflammation, Nos

Skin

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Pancreas

Dilatation, Ducts  
Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Carcinoma

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Congestion, Nos

Stomach

Mesenteric Lymph Node

Hyperplasia, Nos

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node  
Mesenteric Lymph Node

Congestion, Nos  
Hyperplasia, Lymphoid

---

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute Focal
Liver	Bile Duct	Inflammation, Chronic Diffuse
Unspecified		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
	Bile Duct	Inflammation, Chronic Diffuse
Pancreas	Acinus	Atrophy, Nos
		Cystic Ducts
		Inflammation, Chronic Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Chronic
	Polycystic Kidney
Liver	Hepatocytomegaly
Spleen	Hematopoiesis
Stomach	Squamous Cell Papilloma

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node  
Mesenteric Lymph Node

Congestion, Nos  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 1000 PPM

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Angiectasis
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Thymus		Degeneration, Hyaline

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1000 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Unspecified

Multiple Organs Nos

Glomerulosclerosis, Nos  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node  
Mandibular Lymph Node

Hyperplasia, Nos  
Hyperplasia, Plasma Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Pancreas	Islets	Hyperplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Alveolar/Bronchiolar Adenoma  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Skin	Scalp	Cyst, Epidermal Inclusion
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node

Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulosclerosis, Nos
Liver		Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Kidney  
Unspecified

Cortex  
Multiple Organs Nos

Scar  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Parathyroid gland  
Spleen  
Unspecified

Multiple Organs Nos  
Multiple Organs Nos

Hyperplasia, Nos  
Hematopoiesis  
Amyloidosis  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Spleen  
Unspecified

Multiple Organs Nos

Erythropoiesis  
Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland		Amyloidosis
Intestine Small	Ileum, Ileum	Amyloidosis
Kidney	Glomerulus	Amyloidosis
Skin	Back	Fibrosis
	Back	Inflammation, Chronic
Spleen		Erythropoiesis
Thyroid		Cystic Follicles

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland		Amyloidosis
Intestine Small	Ileum, Ileum	Amyloidosis
	Jejunum	Amyloidosis
Kidney	Glomerulus	Amyloidosis
Thyroid		Amyloidosis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulosclerosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Thyroid

Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Liver Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_043

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung	Alveolar/Bronchiolar Carcinoma
Spleen	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocellular Carcinoma
Spleen	Erythropoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:31  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Thyroid  
Unspecified

Multiple Organs Nos

Hyperplasia, Follicular Cell  
Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C03281  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** N-(1-Naphthyl)ethylenediamine dihydrochloride  
**CAS Number:** 1465-25-4

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 14:44:32  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 0

**SEX:** Male  
**DISP:** Scheduled Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

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