

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

**C Number:** C03963

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_051

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Glycogenic Cell  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_052

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Degeneration, Nos
		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Pituitary gland		Cyst, Nos
Skin	Ear	Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_053

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Mammary gland  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Fibroadenoma  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_054

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
		Necrosis, Focal
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_056

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Degeneration, Hyaline
		Inflammation, Chronic
Liver		Hepatocytomegaly
		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_057

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Liver

Granuloma, Nos

Lung

Pleura Nos

Foam-Cell

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

Salivary gland

Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

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**ANIMAL ID:** 1\_058

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Pancreas

Atrophy, Focal

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_059

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Chondrosarcoma, Metastatic

Unspecified

Chondrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_060

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Thyroid

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_061

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_062

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain	Meninges	Inflammation, Acute Focal
Kidney		Inflammation, Chronic
Lung		Bronchopneumonia, Nos
Uterus		Pyometra

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_063

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Degeneration, Nos
		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_064

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_065

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Kidney  
Liver  
Lung  
Pituitary gland  
Spleen

Large Intestine, Colon

Nematodiasis  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Cyst, Hemorrhagic  
Hemangioma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_066

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_068

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Lung  
Pituitary gland  
Thyroid  
Unspecified

Ileum

Lipoidosis  
Pigmentation, Nos  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Hyperplasia, Follicular Cell  
Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_069

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Diffuse

Pituitary gland

Cyst, Nos

Uterus

Endometrium

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

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**ANIMAL ID:** 1\_070

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Uterus

Endometrium

Inflammation, Nos

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_071

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Degeneration, Nos

Lung

Pleura Nos

Foam-Cell

Mammary gland

Pneumonia, Chronic Murine

Adenoma, Nos

Pituitary gland

Dilatation, Ducts

Unspecified

Chromophobe Adenoma

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Lymph node	Mandibular Lymph Node	Carcinoma, Nos, Metastatic
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_073

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver

Myocardium Nos  
Ileum

Bile Duct

Pituitary gland

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Hyperplasia, Nos  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney

Myocardium Nos  
Ileum

Tubule

Liver  
Pituitary gland

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Pigmentation, Nos  
Hyperplasia, Focal  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_076

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Mammary gland

Fibroadenoma

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_078

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_079

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_080

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Degeneration, Nos

Pituitary gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_081

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Nodular

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_082

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_083

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Intestine Small  
Kidney

Large Intestine, Colon  
Ileum

Nematodiasis  
Pigmentation, Nos  
Inflammation, Chronic

Liver

Tubule

Nephrosis, Nos  
Hyperplasia, Focal

Lung

Mammary gland

Bile Duct

Hyperplasia, Nos  
Pneumonia, Chronic Murine

Pituitary gland

Urinary bladder

Dilatation, Ducts  
Fibroadenoma  
Chromophobe Adenoma  
Transitional-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_084

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver

Ileum

Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos  
Pneumonia, Chronic Murine  
Cyst, Nos

Lung  
Pituitary gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_085

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney

Ileum

Pigmentation, Nos  
Inflammation, Chronic

Tubule

Pigmentation, Nos  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

Lung  
Pituitary gland

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_086

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Ovary

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Metamorphosis, Fatty  
Degeneration, Nos  
Inflammation, Acute  
Necrosis, Nos  
Atrophy, Nos  
Osteosarcoma

Salivary gland  
Unspecified

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_087

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Lung  
Pituitary gland  
Thyroid

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_088

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_089

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Unspecified

Cyst, Epidermal Inclusion

Urinary bladder

Transitional-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_090

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_091

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Atrium

Thrombosis, Nos

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Uterus

Endometrium

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_092

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Angiectasis  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Metamorphosis, Fatty

Lung  
Urinary bladder

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_093

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pancreas  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Atrophy, Nos  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_094

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Pituitary gland

Cyst, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_095

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_096

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_097

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Lung  
Thyroid

Cortex Nos  
Ileum

Hyperplasia, Focal  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_098

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_099

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Islets

Hyperplasia, Nos

Pituitary gland

Cyst, Nos

Thyroid

Follicular-Cell Adenoma

Uterus

Leiomyoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 1\_100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 2500 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Acute Focal
Intestine Large	Large Intestine, Colon	Nematodiasis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos
Uterus	Endometrium	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_151

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_152

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart  
Kidney  
Mammary gland  
Pituitary gland

Myocardium Nos

Fibrosis  
Inflammation, Chronic  
Dilatation, Ducts  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_153

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Dilatation, Ducts

Pituitary gland

Chromophobe Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_154

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_155

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Foam-Cell  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
C-Cell Adenoma

Pituitary gland  
Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_156

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Hyperplasia, Adenomatous
Pituitary gland		Chromophobe Adenoma
Unspecified		Squamous Cell Carcinoma
Uterus		Thrombus, Organized

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_157

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_158

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Foam-Cell

Ovary

Pneumonia, Chronic Murine

Cyst, Follicular Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_159

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland  
Unspecified  
Uterus

Cortex Nos  
Ileum

Multiple Organs Nos  
Endometrium

Lipoidosis  
Pigmentation, Nos  
Inflammation, Chronic  
Metamorphosis, Fatty  
Pneumonia, Chronic Murine  
Cyst, Nos  
Leukemia, Undifferentiated  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_160

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_161

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_162

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Pituitary gland  
Spleen

Ileum

Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Chromophobe Adenoma  
Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_163

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Lung  
Pituitary gland  
Thyroid

Ileum

Pigmentation, Nos  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_164

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos

Fibrosis  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma  
Cyst, Hemorrhagic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_165

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Mammary gland

Adenoma, Nos

Dilatation, Ducts

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_166

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_167

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Pancreas		Hyperplastic Nodule
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_168

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Pneumonia, Chronic Murine

Mammary gland

Fibroadenoma

Unspecified

Groin

Cyst, Dermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_170

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_171

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_172

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pancreas  
Pituitary gland  
  
Thyroid

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Degeneration, Nos  
Pneumonia, Chronic Murine  
Atrophy, Focal  
Chromophobe Adenoma  
Cyst, Hemorrhagic  
Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_173

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_174

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Abscess, Nos

Urinary bladder

Inflammation, Chronic

Transitional-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_175

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_176

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney

Ileum

Pigmentation, Nos  
Inflammation, Chronic

Tubule

Necrosis, Nos  
Pneumonia, Chronic Murine

Lung  
Mammary gland  
Pituitary gland

Dilatation, Ducts  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_177

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_178

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_179

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine
Mammary gland		Fibroadenoma
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_180

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Pneumonia, Chronic Murine  
Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_181

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Urinary bladder

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Lipoidosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_182

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_183

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_184

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_185

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Hemorrhage

Intestine Small

Ileum

Lipoidosis

Kidney

Pigmentation, Nos

Liver

Inflammation, Chronic

Pituitary gland

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Chromophobe Adenoma

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_186

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Abscess, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_187

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Lung

Hyperplasia, Adenomatous

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_188

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Nos

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_189

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_190

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Mesentery Nos	Arteriosclerosis, Nos
	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Degeneration, Nos
		Hyperplasia, Focal
		Hyperplasia, Nodular
Lung		Pneumonia, Chronic Murine
Pancreas		Atrophy, Focal
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_191

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Mammary gland  
Uterus

Myocardium Nos  
Ileum  
  
  
  
Endometrium

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Fibroadenoma  
Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_192

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Congestion, Nos

Pneumonia, Chronic Murine

Thyroid

C-Cell Adenoma

Uterus

Endometrium

Hyperplasia, Cystic

Cervix Uteri

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_193

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Uterus

Blood Clot, Postmortem

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_194

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_195

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_196

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel

Pulmonary Artery Nos

Mineralization

Heart

Myocardium Nos

Fibrosis

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pancreas

Atrophy, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_197

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Hyperplasia, Adenomatous  
Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_198

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Pigmentation, Nos

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Nodular

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_199

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Pigmentation, Nos
Kidney		Inflammation, Chronic
Liver		Degeneration, Nos
		Hyperplasia, Focal
Lung		Congestion, Nos
		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 2\_200

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 1250 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Liver  
Lung  
Pituitary gland

Myocardium Nos  
Ileum

Fibrosis  
Pigmentation, Nos  
Inflammation, Chronic  
Hyperplasia, Focal  
Pneumonia, Chronic Murine  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_221

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Large  
Kidney  
Liver

Myocardium Nos  
Large Intestine, Colon

Fibrosis  
Nematodiasis  
Inflammation, Chronic  
Hyperplasia, Focal  
Hyperplasia, Nos

Bile Duct

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_222

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Unspecified

Uterus

Myocardium Nos

Bile Duct

Multiple Organs Nos

Endometrium

Pheochromocytoma

Fibrosis

Inflammation, Chronic

Hyperplasia, Focal

Hyperplasia, Nos

Leukemia, Undifferentiated

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_223

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
	Tubule	Necrosis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_224

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Degeneration, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_225

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Lymph node

Mammary gland

Pituitary gland

Myocardium Nos

Mesenteric Lymph Node

Lipoidosis

Fibrosis

Inflammation, Chronic

Hyperplasia, Focal

Pneumonia, Chronic Murine

Cytologic Alteration, Nos

Fibroadenoma

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_226

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pituitary gland		Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_227

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_228

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Kupffer Cell

Cytoplasmic Vacuolization

Lung

Alveolar/Bronchiolar Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_229

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Pituitary gland

Cyst, Nos

Thyroid

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_230

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Inflammation, Chronic

Liver

Metamorphosis, Fatty

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_231

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Degeneration, Nos

Lung

Hyperplasia, Focal

Uterus

Endometrium

Pneumonia, Chronic Murine

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_232

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_233

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_234

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Hyperplasia, Focal

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_235

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_236

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Large Intestine, Colon

Nematodiasis

Kidney

Inflammation, Chronic

Liver

Bile Duct

Hyperplasia, Nos

Lung

Pneumonia, Chronic Murine

Pituitary gland

Chromophobe Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_237

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Brain	Demyelination
Kidney	Carcinoma, Nos, Metastatic
	Inflammation, Chronic
Liver	Carcinoma, Nos, Metastatic
Lung	Carcinoma, Nos, Metastatic
Pituitary gland	Chromophobe Adenoma
Trachea	Carcinoma In Situ, Nos

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_238

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
Lung		Pneumonia, Chronic Murine

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_239

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Degeneration, Nos

Lung

Metamorphosis, Fatty

Salivary gland

Alveolar/Bronchiolar Adenoma

Skin

Ear

Atrophy, Diffuse

Ear

Cyst, Epidermal Inclusion

Ear

Inflammation, Nos

Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C03963

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 4-Amino-2-nitrophenol

**CAS Number:** 119-34-6

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 11:42:02

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

**Lab:** NA

---

**ANIMAL ID:** 3\_240

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Large Intestine, Colon	Nematodiasis
Kidney		Inflammation, Chronic
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Pneumonia, Chronic Murine
Pancreas	Islets	Atrophy, Focal
Pituitary gland		Chromophobe Adenoma
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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