

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**C Number:** C01854

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos Myocardium Nos	Fibrosis Inflammation, Interstitial Glomerulonephritis, Nos
Kidney		Necrosis, Coagulative
Liver		Alveolar/Bronchiolar Adenoma
Lung		Lymphocytosis
Lymph node		Reticulocytosis
Mammary gland		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Focal Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Hyperplasia, Hematopoietic Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Stomach		Inflammation, Focal
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney  
Liver  
  
Pancreas  
Pituitary gland  
Prostate  
Spleen  
  
Testis

Medulla  
Myocardium Nos  
Peyers Patch  
  
Bile Duct  
  
Islets

Hyperplasia, Nodular  
Inflammation, Interstitial  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Nos  
Neoplastic Nodule  
Islet-Cell Adenoma  
Adenoma, Nos  
Inflammation, Nos  
Hyperplasia, Erythroid  
Hyperplasia, Hematopoietic  
Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
	Tubule	Mineralization

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Mammary gland		Galactocele
		Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
		Kupffer-Cell Sarcoma
Lymph node		Hyperplasia, Lymphoid
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Zymbal gland		Squamous Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos Cardiovascular System	Inflammation, Interstitial Leukemia, Undifferentiated
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Brain

Intestine Large

Lung

Colon

Oligodendroglioma

Nematodiasis

Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos
Urinary bladder		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node		Hyperplasia, Nos
Mammary gland		Galactocele
		Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Focal
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Lung

Pancreas

Prostate

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Inflammation, Interstitial

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Prostate

Testis

Trachea

Myocardium Nos

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Cytoplasmic Vacuolization

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Interstitial

Inflammation, Nos

Inflammation, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Inflammation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor
Unspecified		Myoepithelioma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Vacuolization

Lung

Hyperplasia, Alveolar Epithelium

Mammary gland

Inflammation, Interstitial

Pancreas

Islets

Hyperplasia, Nos

Testis

Islet-Cell Adenoma

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Heart  
Kidney  
Liver  
Prostate  
Spleen  
Urinary bladder

Aorta Nos  
Myocardium Nos

Mineralization  
Inflammation, Interstitial  
Glomerulonephritis, Nos  
Hyperplasia, Focal  
Inflammation, Nos  
Hemosiderosis  
Hyperplasia, Diffuse

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Focal
Pancreas	Islets	Neoplastic Nodule
		Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Inflammation, Nos
Thyroid		Interstitial-Cell Tumor
		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Cytoplasmic Vacuolization

Hyperplasia, Diffuse

Lung

Inflammation, Interstitial

Lymph node

Hyperplasia, Lymphoid

Pancreas

Inflammation, Nos

Spleen

Hemosiderosis

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

Unspecified

Undifferentiated Carcinoma

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Ear	Canal	Metaplasia, Squamous
	Canal	Squamous Cell Carcinoma
Heart	Myocardium Nos	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node		Hyperplasia, Plasma Cell
Mammary gland		Hyperplasia, Nos
Testis		Hyperplasia, Interstitial Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung	Bronchus	Inflammation, Focal
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
		Neoplastic Nodule
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Mammary gland		Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nodular
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Inflammation, Interstitial
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Galactocele
		Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Focal
		Neoplastic Nodule
Lung		Hemorrhage
		Hyperplasia, Epithelial
Spleen		Hyperplasia, Erythroid
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Body Cavities

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Necrosis, Coagulative

Interstitial-Cell Tumor

Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lymph node

Prostate

Skin

Spleen

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Cytoplasmic Vacuolization

Hyperplasia, Lymphoid

Inflammation, Nos

Metaplasia, Squamous

Acanthosis

Hyperkeratosis

Hyperplasia, Erythroid

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Glioma, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Galactocele
		Hyperplasia, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Liver  
Pancreas  
  
Pituitary gland  
Spleen  
  
Testis

Peyers Patch

Bile Duct

Islets

Pheochromocytoma  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Islet-Cell Adenoma  
Adenoma, Nos  
Hyperplasia, Erythroid  
Hyperplasia, Hematopoietic  
Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Lung

Inflammation, Interstitial

Lymph node

Lymphocytosis

Pancreas

Inflammation, Nos

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Thyroid

Interstitial-Cell Tumor

C-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
		Necrosis, Coagulative
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Medulla

Hyperplasia, Nodular

Kidney

Myocardium Nos

Inflammation, Interstitial

Liver

Glomerulonephritis, Nos

Lung

Hepatocellular Carcinoma

Pancreas

Hepatocellular Carcinoma, Metastatic

Prostate

Inflammation, Nos

Stomach

Inflammation, Nos

Testis

Acanthosis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Hemorrhage
		Necrosis, Nos
Kidney		Glomerulonephritis, Nos
Lymph node		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Prostate

Spleen

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Focal

Inflammation, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Stomach		Inflammation, Nos
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Focal
Preputial gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Stomach		Inflammation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Stomach		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

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**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Chromophobe Adenoma
Skin		Cyst, Epidermal Inclusion
		Squamous Cell Papilloma
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Nos
Spleen		Hemosiderosis
		Hyperplasia, Erythroid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 70 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Pituitary gland

Prostate

Spleen

Testis

Myocardium Nos

Pheochromocytoma

Megakaryocytosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Neoplastic Nodule

Adenoma, Nos

Inflammation, Nos

Hyperplasia, Erythroid

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Liver		Degeneration, Hyaline
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver  
Prostate  
Testis

Metamorphosis, Fatty  
Inflammation, Acute  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver  
Prostate  
Testis

Focal Cellular Change  
Inflammation, Acute  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Preputial gland

Prostate

Testis

Thyroid

Inflammation, Chronic

Focal Cellular Change

Adenoma, Nos

Inflammation, Acute

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Prostate

Testis

Inflammation, Chronic

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Testis

Pheochromocytoma

Inflammation, Chronic

Focal Cellular Change

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Bone	Sternum	Mucinous Adenocarcinoma, Metastatic
Intestine Large	Colon	Mucinous Adenocarcinoma
Kidney		Inflammation, Chronic
Lymph node	Mediastinal Lymph Node	Mucinous Adenocarcinoma, Metastatic
Pancreas		Mucinous Adenocarcinoma, Metastatic
Prostate		Inflammation, Acute
Seminal vesicle		Mucinous Adenocarcinoma, Metastatic
Skin	Scrotum	Leiomyosarcoma
Spleen		Mucinous Adenocarcinoma, Metastatic
Stomach		Mucinous Adenocarcinoma, Metastatic
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Testis  
Thyroid

Inflammation, Chronic  
Adenoma, Nos  
Interstitial-Cell Tumor  
C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Skin	Ear	Inflammation, Necrotizing
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Testis

Inflammation, Chronic

Focal Cellular Change

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Parathyroid gland  
Skin  
  
Testis  
Thyroid  
Unspecified

Myocardium Nos

Pheochromocytoma  
Degeneration, Nos  
Inflammation, Chronic  
Focal Cellular Change  
Adenoma, Nos  
Cyst, Epidermal Inclusion  
Squamous Cell Papilloma  
Interstitial-Cell Tumor  
Hyperplasia, C Cell  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Cyst, Nos

Testis

Inflammation, Chronic

Unspecified

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Pancreas

Acinus

Atrophy, Nos

Acinus

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Liver		Neoplastic Nodule
Lymph node	Ileocolic Lymph Node	Lymphadenopathy
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Prostate		Inflammation, Acute Focal
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Malignant
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Pheochromocytoma

Kidney

Inflammation, Chronic

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Testis

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Lung	Bronchus	Abscess, Nos
Mammary gland		Galactocele
		Hyperplasia, Nos
Prostate		Inflammation, Acute Focal
Spleen		Infarct, Hemorrhagic
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified		Basal-Cell Carcinoma
	Multiple Organs Nos	Leukemia, Undifferentiated

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Testis

Unspecified

Interstitial-Cell Tumor

Fibroma

Body Cavities

Mesothelioma, Malignant

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Testis

Inflammation, Chronic

Focal Cellular Change

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Pancreas

Pituitary gland

Testis

Bile Duct

Islets

Pheochromocytoma

Inflammation, Chronic

Focal Cellular Change

Hyperplasia, Nos

Islet-Cell Carcinoma

Adenoma, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Lymph node	Pancreatic Lymph Node	Inflammation, Acute/Chronic
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Inflammation, Chronic

Pancreas

Inflammation, Acute/Chronic

Pituitary gland

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Testis

Inflammation, Chronic

Focal Cellular Change

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Testis

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Lipoma

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Kidney  
Oral mucosa  
Testis

Medulla  
Pulmonary Artery Nos  
  
Oral Cavity

Hyperplasia, Nodular  
Mineralization  
Inflammation, Chronic  
Fibrosarcoma  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Prostate

Testis

Inflammation, Chronic

Inflammation, Acute

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Pancreas  
Pituitary gland  
Skin

Islets

Islet-Cell Adenoma  
Hyperplasia, Focal  
Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:53

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

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Testis

Unspecified

Inflammation, Chronic

Neoplastic Nodule

Alveolar/Bronchiolar Adenoma

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Ear	Canal	Squamous Cell Carcinoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Inflammation, Chronic

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Testis

Necrosis, Focal

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Prostate		Inflammation, Acute
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 0

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

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

---

**OBSERVATIONS**

Adrenal gland		Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Parathyroid gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Acute Focal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney	Inflammation, Chronic
Liver	Neoplastic Nodule
Pituitary gland	Adenoma, Nos
Spleen	Lymphoma, Lymphocytic-Malignant Type
Testis	Degeneration, Nos
	Interstitial-Cell Tumor
Thyroid	C-Cell Carcinoma
Unspecified	Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Testis

Thyroid

Pheochromocytoma

Inflammation, Chronic

Interstitial-Cell Tumor

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis

Kidney

Glomerulonephritis, Nos

Liver

Angiectasis

Bile Duct

Hyperplasia, Nos

Pancreas

Neoplastic Nodule

Pituitary gland

Inflammation, Nos

Prostate

Adenoma, Nos

Hyperplasia, Focal

Spleen

Inflammation, Nos

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Zymbal gland

Interstitial-Cell Tumor

Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Glomerulonephritis, Nos

Liver

Hepatocellular Carcinoma

Lung

Bronchus

Inflammation, Necrotizing

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Testis

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland		Pheochromocytoma
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Prostate	Bronchus	Inflammation, Nos
Spleen		Inflammation, Nos
		Fibrosis
Testis		Necrosis, Focal
		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pancreas

Pituitary gland

Prostate

Testis

Thyroid

Myocardium Nos

Myocardium Nos

Bile Duct

Duct Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Necrosis, Focal

Hyperplasia, Nos

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Pneumonia, Chronic Murine
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Angiectasis
		Hyperplasia, Focal
Lung		Inflammation, Interstitial
Pancreas		Acinar-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Pancreas

Spleen

Testis

Myocardium Nos

Peyers Patch

Bronchus

Pheochromocytoma

Inflammation, Interstitial

Hyperplasia, Nos

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Metamorphosis, Fatty

Fibrosis, Focal

Inflammation, Interstitial

Inflammation, Nos

Inflammation, Nos

Hemangiosarcoma

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Angiectasis
		Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Prostate		Inflammation, Nos
Skin	Tail	Squamous Cell Papilloma
Stomach	Omentum Nos	Necrosis, Fat
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Focal Neoplastic Nodule
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hematopoiesis
	Bile Duct	Hepatocellular Carcinoma
		Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Inflammation, Interstitial
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Zymbal gland		Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
		Hepatocellular Carcinoma, Metastatic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lymph node

Testis

Unspecified

Myocardium Nos

Bile Duct

Body Cavities

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Hemorrhage

Interstitial-Cell Tumor

Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**DOSE:** 300 PPM

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Hepatocellular Carcinoma
Lymph node	Hyperplasia, Nos
Pituitary gland	Adenoma, Nos
Stomach	Acanthosis
Testis	Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Focal
Lung		Inflammation, Interstitial
Testis	Bronchus	Inflammation, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Brain

Heart

Kidney

Liver

Lung

Spleen

Testis

Unspecified

Myocardium Nos

Bronchus

Pheochromocytoma

Sarcoma, Nos, Metastatic

Inflammation, Interstitial

Fibrosis, Diffuse

Glomerulonephritis, Nos

Neoplastic Nodule

Inflammation, Interstitial

Inflammation, Nos

Sarcoma, Nos, Metastatic

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Inflammation, Nos

Interstitial-Cell Tumor

Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hematopoiesis
		Hyperplasia, Focal
Lung		Inflammation, Interstitial
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibromatosis
Zymbal gland		Squamous Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hematopoiesis
		Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
Prostate		Inflammation, Nos
Spleen		Hemangiosarcoma
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Bile Duct

Prostate

Testis

Glomerulonephritis, Nos

Hyperplasia, Diffuse

Hyperplasia, Nos

Metamorphosis, Fatty

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Inflammation, Interstitial
Prostate		Inflammation, Nos
Skin		Cyst, Epidermal Inclusion
		Squamous Cell Papilloma
Stomach		Acanthosis
		Hyperplasia, Basal Cell
		Parakeratosis
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Testis

Metamorphosis, Fatty

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Diffuse
		Metamorphosis, Fatty
Lung		Pneumonia, Chronic Murine
Pancreas		Inflammation, Nos
Spleen		Necrosis, Focal

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Stomach		Acanthosis
	Mucosa	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Testis

Peyers Patch

Hyperplasia, Nos  
Glomerulonephritis, Nos  
Neoplastic Nodule  
Hyperplasia, Epithelial  
Atrophy, Nos  
Interstitial-Cell Tumor  
C-Cell Carcinoma  
Mesothelioma, Nos

Thyroid  
Unspecified

Body Cavities

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart		Squamous Cell Carcinoma, Metastatic
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Abscess, Nos
		Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
		Squamous Cell Carcinoma
Skin	Ear	Squamous Cell Papilloma
Spleen		Hemosiderosis
Stomach		Acanthosis
Testis		Atrophy, Nos
		Hyperplasia, Interstitial Cell
Unspecified	Body Cavities	Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Glomerulonephritis, Nos

Liver

Hepatocellular Carcinoma

Lung

Inflammation, Interstitial

Mammary gland

Hyperplasia, Nos

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Zymbal gland

Interstitial-Cell Tumor

Squamous Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Prostate

Testis

Myocardium Nos

Bile Duct

Pheochromocytoma

Fibrosis

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Preputial gland

Stomach

Testis

Myocardium Nos

Bronchus

Pheochromocytoma

Fibrosis

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Inflammation, Interstitial

Inflammation, Nos

Adenoma, Nos

Acanthosis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Ileum	Leiomyosarcoma
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Pancreas		Inflammation, Nos
	Islets	Islet-Cell Adenoma
Skin		Acanthosis
		Squamous Cell Papilloma
Stomach		Acanthosis
		Inflammation, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Lung	Bronchus	Inflammation, Necrotizing
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hepatocellular Carcinoma, Metastatic
		Inflammation, Interstitial
Parathyroid gland		Hyperplasia, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Bone marrow

Heart

Kidney

Liver

Lung

Mammary gland

Pancreas

Spleen

Stomach

Testis

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis, Myelo

Fibrosis

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Bronchiectasis

Hyperplasia, Nos

Inflammation, Nos

Lymphoma, Histiocytic-Malignant Type

Acanthosis

Hyperkeratosis

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Stomach

Testis

Myocardium Nos

Bile Duct

Mucosa

Pheochromocytoma

Fibrosis

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Hepatocellular Carcinoma, Metastatic

Acanthosis

Hyperplasia, Basal Cell

Hyperplasia, Focal

Atrophy, Nos

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Mammary gland

Spleen

Testis

Unspecified

Urinary bladder

Myocardium Nos

Bile Duct

Pheochromocytoma

Fibrosis

Glomerulonephritis, Nos

Hyperplasia, Nos

Neoplastic Nodule

Hyperplasia, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

Osteosarcoma

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Bile Duct

Lung

Preputial gland

Skin

Stomach

Testis

Mucosa

Hyperplasia, Nos

Fibrosis

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Metamorphosis, Fatty

Inflammation, Interstitial

Adenoma, Nos

Basal-Cell Carcinoma

Hyperplasia, Focal

Atrophy, Nos

Hyperplasia, Interstitial Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Stomach		Acanthosis
		Hyperkeratosis
		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Stomach

Testis

Glomerulonephritis, Nos

Neoplastic Nodule

Acanthosis

Hyperkeratosis

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Pituitary gland

Spleen

Stomach

Testis

Myocardium Nos

Pheochromocytoma

Fibrosis

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hematopoiesis

Hepatocellular Carcinoma

Hyperplasia, Focal

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Acanthosis

Hyperkeratosis

Interstitial-Cell Tumor

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Ear	Canal	Squamous Cell Papilloma
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Necrotizing
	Bronchus	Inflammation, Nos
Spleen		Hemosiderosis
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Testis

Metamorphosis, Fatty

Hyperplasia, Interstitial Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Pancreas

Spleen

Stomach

Testis

Trachea

Zymbal gland

Bile Duct

Islets

Pheochromocytoma

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Pneumonia, Chronic Murine

Hyperplasia, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Squamous Cell Papilloma

Interstitial-Cell Tumor

Inflammation, Nos

Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nodular
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Interstitial
Pancreas	Acinus	Hypertrophy, Focal
		Inflammation, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperkeratosis
	Mucosa	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Preputial gland  
Stomach

Pheochromocytoma  
Glomerulonephritis, Nos  
Hepatocellular Carcinoma  
Carcinoma, Nos  
Acanthosis  
Hyperkeratosis  
Interstitial-Cell Tumor

Testis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thymus		Thymoma, Benign

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Intestine Small

Kidney

Liver

Preputial gland

Prostate

Spleen

Stomach

Testis

Unspecified

Peyers Patch

Body Cavities

Pheochromocytoma

Hyperplasia, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Hyperplasia, Nos

Inflammation, Nos

Hemorrhage

Acanthosis

Hyperkeratosis

Interstitial-Cell Tumor

Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Spleen

Unspecified

Myocardium Nos

Myocardium Nos

Body Cavities

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Reticulum Cell

Fibroma

Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Spleen		Hemangiosarcoma
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 300 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
Parathyroid gland		Hyperplasia, Focal
Stomach		Acanthosis
		Hyperkeratosis
		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_001

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Prostate

Testis

Myocardium Nos

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Interstitial

Inflammation, Nos

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_002

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

Mineralization

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_003

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Necrosis, Focal

Mammary gland

Hyperplasia, Lymphoid

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Prostate

Adenoma, Nos

Testis

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_004

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Lung

Prostate

Testis

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Pneumonia, Chronic Murine

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_005

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Testis

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_006

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Esophagus

Heart

Kidney

Liver

Testis

Unspecified

Myocardium Nos

Bile Duct

Multiple Organs Nos

Dysplasia, Nos

Inflammation, Interstitial

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Leukemia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_007

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_008

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Angiectasis

Bile Duct

Hyperplasia, Nos

Parathyroid gland

Adenoma, Nos

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Urinary bladder

Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_009

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Pituitary gland  
Prostate

Glomerulonephritis, Nos  
Adenoma, Nos  
Inflammation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_010

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Pituitary gland

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_011

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 4\_012

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Spleen

Testis

Thyroid

Myocardium Nos

Myocardium Nos

Ileum, Ileum

Ileum, Ileum

Bile Duct

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Inflammation, Nos

Sarcoma, Nos

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hyperplasia, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_013

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_014

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Fibrosis, Diffuse

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Inflammation, Nos

Pituitary gland

Adenoma, Nos

Stomach

Omentum Nos

Necrosis, Fat

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_015

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Glioma, Nos
Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Stomach	Omentum Nos	Necrosis, Fat
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_016

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Lung

Inflammation, Interstitial

Mammary gland

Galactocele

Prostate

Inflammation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Myelomonocytic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_017

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Fibrosis, Septal Liver
	Bile Duct	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_018

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_019

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Myocardium Nos

Liver

Lymph node

Spleen

Testis

Bile Duct

Pheochromocytoma

Inflammation, Interstitial

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hyperplasia, Nos

Hyperplasia, Lymphoid

Fibrosis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_020

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_021

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Ileum, Ileum

Inflammation, Nos

Liver

Bile Duct

Glomerulonephritis, Nos

Lung

Bronchus

Hyperplasia, Nos

Mammary gland

Inflammation, Nos

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Prostate

Hyperplasia, Focal

Testis

Inflammation, Nos

Hyperplasia, Interstitial Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_022

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Pancreas		Inflammation, Nos
Pituitary gland		Hyperplasia, Focal
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 4\_023

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Parasitism
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_024

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_025

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_026

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Nos
Unspecified		Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_028

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hepatocellular Carcinoma

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 4\_029

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney  
Liver

Medulla  
Myocardium Nos  
Peyers Patch

Bile Duct

Mammary gland  
Pituitary gland  
Salivary gland  
Spleen

Testis

Hyperplasia, Nodular  
Fibrosis  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Focal  
Hyperplasia, Nos  
Necrosis, Focal  
Hyperplasia, Nos  
Adenoma, Nos  
Sarcoma, Nos  
Hyperplasia, Erythroid  
Hyperplasia, Hematopoietic  
Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_030

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Bronchiectasis

Pancreas

Islets

Inflammation, Necrotizing

Hyperplasia, Nos

Prostate

Inflammation, Nos

Unspecified

Multiple Organs Nos

Inflammation, Nos

Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_031

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Pancreas

Prostate

Testis

Unspecified

Bile Duct

Multiple Organs Nos

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

Leukemia, Myelomonocytic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_032

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_034

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_035

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Testis

Thyroid

Bile Duct

Glomerulonephritis, Nos

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

**ANIMAL ID:** 4\_036

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Parathyroid gland		Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_037

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_038

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Bile Duct

Inflammation, Nos

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_040

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Salivary gland		Adenocarcinoma, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_041

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Fibrosis, Septal Liver
	Bile Duct	Hyperplasia, Nos
	Centrilobular	Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Body Cavities	Mesothelioma, Malignant
		Metaplasia, Osseous
		Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_042

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Inflammation, Nos

Lymph node

Hemorrhage

Pituitary gland

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_043

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_045

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Hyperplasia, Focal
		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_046

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Pancreas

Testis

Bile Duct

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Inflammation, Nos

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

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**ANIMAL ID:** 4\_047

**TRT#:** 4

**DOSE:** 0

**SEX:** Male

**DISP:** Scheduled Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney

Spleen

Testis

Glomerulonephritis, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_048

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01854

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Hydrazobenzene

**CAS Number:** 122-66-7

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

**Time Report Requested:** 16:29:54

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

**Lab:** NA

---

**ANIMAL ID:** 4\_050

**TRT#:** 4

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Nos
Stomach		Hyperplasia, Basal Cell
		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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