

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**C Number:** C01923A

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Male

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 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
Mammary gland		Galactocele
		Hyperplasia, Nos
Pituitary gland		Adenoma, 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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart  
Intestine Small  
Kidney

Myocardium Nos  
Peyers Patch

Liver  
Lymph node  
Mammary gland

Pituitary gland  
Prostate  
Skin

Spleen  
Stomach

Testis

Fibrosis  
Hyperplasia, Nos  
Fibrosis, Diffuse  
Glomerulonephritis, Nos  
Neoplastic Nodule  
Plasmacytosis  
Galactocele  
Hyperplasia, Nos  
Adenoma, Nos  
Inflammation, Nos  
Keloid  
Ulcer, Nos  
Hemosiderosis  
Acanthosis  
Hyperkeratosis  
Atrophy, Nos  
Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
	Bronchus	Hyperplasia, Papillary
	Bronchus	Inflammation, Focal
		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperplasia, Basal Cell
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Lung

Bronchus

Bronchiectasis

Pituitary gland

Hyperplasia, Focal

Spleen

Hyperplasia, Lymphoid

Hemosiderosis

Stomach

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Testis

Acanthosis

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
	Bronchus	Inflammation, Focal
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Stomach		Inflammation, Nos
Testis		Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
Liver		Glomerulonephritis, Nos
		Angiectasis
Mammary gland	Bile Duct	Hyperplasia, Focal
		Hyperplasia, Nos
Pancreas		Fibroadenoma
		Inflammation, Nos
Skin		Perivasculitis
		Basal-Cell Carcinoma
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Focal
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Stomach	Omentum Nos	Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Necrotizing
Mammary gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Stomach		Acanthosis
		Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
Unspecified		Undifferentiated Carcinoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, 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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Blood vessel

Aorta Nos

Inflammation, Nos

Heart

Myocardium Nos

Fibrosis

Kidney

Myocardium Nos

Inflammation, Interstitial

Pancreas

Glomerulonephritis, Nos

Preputial gland

Inflammation, Nos

Prostate

Squamous Cell Carcinoma

Testis

Inflammation, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Adenoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Nos
Pancreas	Duct Nos	Hyperplasia, Nos
		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Spleen

Inflammation, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Pituitary gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Spleen

Stomach

Testis

Unspecified

Bile Duct

Pheochromocytoma

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Interstitial

Hyperplasia, Erythroid

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

Fibroma

Fibrosis

Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Nos
Kidney		Glomerulonephritis, Nos
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lymph node		Hyperplasia, Lymphoid
Pancreas		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
	Tubule	Necrosis, Nos
Liver		Hyperplasia, Focal
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Spleen		Hemosiderosis
		Hyperplasia, Erythroid
Testis		Hyperplasia, Interstitial Cell
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 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	Bronchus	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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 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		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**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
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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Leukemia, Nos
		Necrosis, Cortical
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Stomach		Acanthosis
	Omentum Nos	Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Pancreas

Acinus

Pituitary gland

Prostate

Skin

Spleen

Testis

Pheochromocytoma

Glomerulonephritis, Nos

Hyperplasia, Focal

Metamorphosis, Fatty

Hypertrophy, Focal

Adenoma, Nos

Inflammation, Nos

Keloid

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Interstitial

Pancreas

Inflammation, Nos

Pituitary gland

Adenoma, Nos

Prostate

Inflammation, Nos

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

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**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Mammary gland

Pancreas

Prostate

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Fibrosis

Glomerulonephritis, Nos

Hyperplasia, Nos

Inflammation, Nos

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:11

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

**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney

Peyers Patch

Hyperplasia, Nos  
Fibrosis, Diffuse  
Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Focal  
Hyperplasia, Nos  
Hyperplasia, Epithelial

Lung  
Lymph node  
Mammary gland  
Pancreas  
Stomach  
Testis  
Unspecified

Hyperplasia, Nos  
Inflammation, Nos  
Acanthosis  
Interstitial-Cell Tumor  
Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Fibrosis

Myocardium Nos

Inflammation, Interstitial

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Fibrosis, Diffuse

Liver

Glomerulonephritis, Nos

Bile Duct

Hyperplasia, Focal

Mammary gland

Hyperplasia, Nos

Testis

Hyperplasia, Nos

Unspecified

Interstitial-Cell Tumor

Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 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		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Myelomonocytic
Urinary bladder		Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Necrosis, Coagulative
Lung	Pneumonia, Chronic Murine
Pancreas	Inflammation, Nos
Testis	Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Pancreas	Duct Nos	Hyperplasia, Nos
	Acinus	Hypertrophy, Focal
Prostate		Inflammation, Nos
Spleen		Inflammation, Nos
Stomach		Hyperplasia, Erythroid
Testis		Hyperplasia, Basal Cell
Urinary bladder		Interstitial-Cell Tumor
		Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Mammary gland		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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung		Inflammation, Interstitial
Lymph node	Mesenteric Lymph Node	Lymphoma, Nos-Malignant
Mammary gland		Fibroadenoma
Pancreas	Islets	Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Lung		Inflammation, Interstitial
Lymph node		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Diffuse
Lymph node		Reticulocytosis
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, Nos
Prostate		Hyperplasia, Nos
Spleen		Inflammation, Nos
		Degeneration, Nos
		Fibrosis
Stomach		Hyperplasia, Basal Cell
		Inflammation, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart  
Kidney

Myocardium Nos

Fibrosis  
Fibrosis, Diffuse  
Glomerulonephritis, Nos  
Hepatocellular Carcinoma  
Interstitial-Cell Tumor

Liver  
Testis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Kidney

Fibrosis, Diffuse

Glomerulonephritis, Nos

Testis

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Kidney

Liver

Lung

Pancreas

Islets

Pituitary gland

Spleen

Stomach

Testis

Lipoidosis

Glomerulonephritis, Nos

Cytoplasmic Vacuolization

Inflammation, Interstitial

Hyperplasia, Nos

Chromophobe Adenoma

Hyperplasia, Erythroid

Acanthosis

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Stomach  
Testis

Myocardium Nos  
Peyers Patch

Fibrosis  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Basal Cell  
Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Lung		Inflammation, Interstitial
Prostate		Inflammation, Nos
Spleen		Hemangiosarcoma
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Natural Death

**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
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Myelomonocytic
	Body Cavities	Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Skin		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Intestine Small

Peyers Patch

Hyperplasia, Nos

Kidney

Glomerulonephritis, Nos

Liver

Hyperplasia, Focal

Bile Duct

Hyperplasia, Nos

Mammary gland

Hyperplasia, Nos

Prostate

Inflammation, Nos

Stomach

Acanthosis

Hyperkeratosis

Testis

Hyperplasia, Basal Cell

Unspecified

Interstitial-Cell Tumor

Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 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	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Focal
Pancreas		Inflammation, Nos
Pituitary gland		Adenoma, 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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Epithelial
		Inflammation, Interstitial
Prostate		Inflammation, Nos
Skin		Fibromatosis
Stomach		Hyperplasia, Basal Cell
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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Coagulative
Lung		Abscess, Nos
	Bronchus	Inflammation, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Stomach

Acanthosis

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Lymphocytic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Pituitary gland

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Metamorphosis, Fatty

Inflammation, Interstitial

Adenoma, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 600 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

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

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Intestine Small  
Kidney  
Pancreas  
Prostate  
Stomach

Myocardium Nos  
Peyers Patch

Fibrosis  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Inflammation, Nos  
Inflammation, Nos  
Acanthosis  
Hyperkeratosis  
Hyperplasia, Basal Cell  
Inflammation, Nos  
Interstitial-Cell Tumor  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Large

Intestine Small

Kidney

Liver

Mammary gland

Skin

Spleen

Testis

Unspecified

Myocardium Nos

Colon

Peyers Patch

Body Cavities

Pheochromocytoma

Inflammation, Interstitial

Parasitism

Hyperplasia, Nos

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Ulcer, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

Fibroma

Mesothelioma, Malignant

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
		Hyperplasia, Epithelial
		Mineralization
		Sarcoma, Nos
Mammary gland		Hyperplasia, Nos
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Myocardium Nos

Pheochromocytoma

Fibrosis

Glomerulonephritis, Nos

Angiectasis

Hematopoiesis

Neoplastic Nodule

Pancreas

Islets

Islet-Cell Adenoma

Pituitary gland

Adenoma, Nos

Skin

Inflammation, Nos

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Unspecified

Interstitial-Cell Tumor

Fibroma

Body Cavities

Mesothelioma, Malignant

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small

Ileum

Adenomatous Polyp, Nos

Kidney

Glomerulonephritis, Nos

Prostate

Inflammation, Nos

Stomach

Hyperplasia, Basal Cell

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Nodular

Heart

Myocardium Nos

Inflammation, Interstitial

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Neoplastic Nodule

Lung

Hyperplasia, Adenomatous

Salivary gland

Hypertrophy, Focal

Testis

Atrophy, Nos

Fibrosis

Interstitial-Cell Tumor

Mineralization

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Intestine Small

Liver

Testis

Peyers Patch

Bile Duct

Pheochromocytoma

Hyperplasia, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Mammary gland		Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Spleen		Hyperplasia, Erythroid
Stomach		Hyperplasia, Basal Cell
		Hyperplasia, Focal
		Inflammation, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Pancreas	Inflammation, Nos
Pituitary gland	Adenoma, Nos
Spleen	Hemosiderosis
Stomach	Hyperplasia, Basal Cell
Testis	Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Neoplastic Nodule
Lung		Inflammation, Interstitial
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Pancreas  
Spleen  
Testis  
Unspecified

Peyers Patch

Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hepatocellular Carcinoma  
Inflammation, Nos  
Hyperplasia, Erythroid  
Interstitial-Cell Tumor  
Fibroma  
Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Liver

Neoplastic Nodule

Mammary gland

Fibroadenoma

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Unspecified

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
	Tubule	Hyperplasia, Tubular Cell
Liver	Bile Duct	Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
		Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
Lung		Hepatocellular Carcinoma, Metastatic
		Inflammation, Interstitial
Pituitary gland		Adenoma, Nos
Prostate		Inflammation, Nos
Stomach		Acanthosis
		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Testis

Glomerulonephritis, Nos

Atrophy, Nos

Hyperplasia, Interstitial Cell

Unspecified

Body Cavities

Mesothelioma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Glomerulonephritis, Nos
Lung	Bronchus	Inflammation, Nos
Lymph node		Reticulocytosis
Prostate		Inflammation, Nos
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver  
Lung  
Pancreas  
Pituitary gland  
Prostate  
Testis

Peyers Patch

Bronchus

Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Focal  
Bronchiectasis  
Inflammation, Nos  
Hyperplasia, Focal  
Inflammation, Nos  
Atrophy, Nos  
Fibrosis  
Interstitial-Cell Tumor  
Fibroma

---

Unspecified

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Hyperplasia, Focal
Pancreas	Inflammation, Nos
Prostate	Inflammation, Nos
Stomach	Degeneration, Nos
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Adenoma
Unspecified	Fibrosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Large

Kidney

Lung

Lymph node

Stomach

Testis

Unspecified

Myocardium Nos

Colon

Pheochromocytoma

Fibrosis

Parasitism

Glomerulonephritis, Nos

Hyperplasia, Epithelial

Inflammation, Interstitial

Hyperplasia, Nos

Hyperplasia, Basal Cell

Atrophy, Nos

Interstitial-Cell Tumor

Mineralization

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart

Myocardium Nos

Fibrosis

Lung

Hyperplasia, Epithelial

Inflammation, Interstitial

Stomach

Hyperplasia, Basal Cell

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Pancreas		Inflammation, Nos
Prostate		Inflammation, Nos
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor
Thyroid		Lymphocytic Inflammatory Infiltrate
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney	Glomerulonephritis, Nos
Liver	Hepatocellular Carcinoma
Lung	Hepatocellular Carcinoma, Metastatic
Pancreas	Inflammation, Nos
Skin	Basal-Cell Carcinoma
Stomach	Acanthosis
	Hyperkeratosis
Testis	Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Nos
Pituitary gland		Adenoma, Nos
Spleen		Hyperplasia, Erythroid
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
Lung		Inflammation, Interstitial
Pancreas		Inflammation, Nos
Spleen		Inflammation, Nos
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor
Unspecified		Leiomyosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Lung

Mammary gland

Testis

Bronchus

Glomerulonephritis, Nos

Inflammation, Necrotizing

Inflammation, Nos

Hyperplasia, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Intestine Small	Peyers Patch	Hyperplasia, Nos
Kidney		Glomerulonephritis, Nos
Lung	Bronchus	Inflammation, Nos
Mammary gland		Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung	Inflammation, Interstitial
Lymph node	Plasmacytosis
Pancreas	Inflammation, Nos
Stomach	Hyperplasia, Basal Cell
	Hyperplasia, Focal
Testis	Interstitial-Cell Tumor
Thyroid	C-Cell Adenoma
Unspecified	Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Lung		Neoplasm, Nos
Pancreas	Islets	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Brain

Heart

Kidney

Liver

Lung

Lymph node

Pancreas

Pituitary gland

Testis

Unspecified

Myocardium Nos

Bronchus

Islets

Pheochromocytoma

Glioma, Nos

Fibrosis

Glomerulonephritis, Nos

Tubular-Cell Adenoma

Hyperplasia, Focal

Metamorphosis, Fatty

Inflammation, Nos

Reticulocytosis

Hyperplasia, Nos

Inflammation, Nos

Hyperplasia, Focal

Interstitial-Cell Tumor

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Small  
Kidney  
Liver  
  
Lung  
Lymph node  
Pancreas  
Pituitary gland  
Skin  
Spleen  
Stomach  
  
Testis  
Unspecified

Myocardium Nos  
Peyers Patch  
  
Bile Duct

Pheochromocytoma  
Fibrosis  
Hyperplasia, Nos  
Glomerulonephritis, Nos  
Hyperplasia, Focal  
Hyperplasia, Nos  
Inflammation, Interstitial  
Hyperplasia, Lymphoid  
Inflammation, Nos  
Adenoma, Nos  
Inflammation, Nos  
Hyperplasia, Erythroid  
Inflammation, Nos  
Squamous Cell Carcinoma  
Interstitial-Cell Tumor  
Fibroma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Spleen

Stomach

Testis

Myocardium Nos

Pheochromocytoma

Inflammation, Interstitial

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Pneumonia, Chronic Murine

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Lung

Inflammation, Interstitial

Prostate

Inflammation, Nos

Skin

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Fibrosis, Focal

Lymph node

Glomerulonephritis, Nos

Prostate

Hyperplasia, Lymphoid

Testis

Inflammation, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Liver

Lung

Pancreas

Pituitary gland

Preputial gland

Spleen

Stomach

Testis

Thyroid

Unspecified

Urinary bladder

Myocardium Nos

Bile Duct

Bronchus

Pheochromocytoma

Fibrosis

Fibrosis, Diffuse

Glomerulonephritis, Nos

Hepatocellular Carcinoma

Hyperplasia, Nos

Inflammation, Suppurative

Inflammation, Nos

Adenoma, Nos

Adenoma, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

C-Cell Carcinoma

Fibroma

Hemangiosarcoma

Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart  
Kidney  
Mammary gland

Myocardium Nos

Inflammation, Interstitial  
Glomerulonephritis, Nos  
Adenoma, Nos  
Fibroadenoma  
Hyperplasia, Nos  
Inflammation, Nos  
Adenoma, Nos  
Hematopoiesis  
Acanthosis  
Hyperplasia, Basal Cell  
Interstitial-Cell Tumor  
Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Hypertrophy, Focal
Spleen		Hyperplasia, Erythroid
Stomach		Acanthosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Myocardium Nos

Pheochromocytoma  
Inflammation, Interstitial  
Fibrosis, Diffuse  
Glomerulonephritis, Nos

Liver  
Mammary gland  
Pituitary gland  
Preputial gland  
Prostate

Neoplastic Nodule

Fibroadenoma

Adenoma, Nos

Adenoma, Nos

Hyperplasia, Focal

Inflammation, Nos

Spleen

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Stomach

Inflammation, Nos

Squamous Cell Papilloma

Testis

Interstitial-Cell Tumor

Unspecified

Fibroma

Body Cavities

Mesothelioma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Intestine Large	Colon	Adenocarcinoma, Nos
Kidney		Glomerulonephritis, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas		Inflammation, Nos
Pituitary gland		Hyperplasia, Focal
Stomach		Hyperplasia, Basal Cell
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Neoplastic Nodule
Lymph node		Hyperplasia, Lymphoid
		Plasmacytosis
Mammary gland		Hyperplasia, Nos
Spleen		Hyperplasia, Erythroid
		Hyperplasia, Hematopoietic
Stomach		Acanthosis
		Hyperkeratosis
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Glomerulonephritis, Nos
Lymph node		Hyperplasia, Nos
Pancreas		Inflammation, Nos
Stomach		Inflammation, Nos
Testis		Squamous Cell Papilloma
		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Ganglioneuroma

Heart

Myocardium Nos

Pheochromocytoma

Kidney

Fibrosis

Pancreas

Glomerulonephritis, Nos

Salivary gland

Inflammation, Nos

Spleen

Hyperplasia, Focal

Stomach

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Unspecified

Degeneration, Nos

Urinary bladder

Hyperplasia, Basal Cell

Interstitial-Cell Tumor

Fibroma

Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Fibrosis
Kidney		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
	Bile Duct	Inflammation, Nos
Pituitary gland		Hyperplasia, Nos
Prostate		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 1200 PPM

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Interstitial
Kidney		Fibrosis, Diffuse
		Glomerulonephritis, Nos
Liver		Hyperplasia, Focal
	Bile Duct	Hyperplasia, Nos
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Nos
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_001

**TRT#:** 3

**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**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_002

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_003

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_005

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_007

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3

**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**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_011

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_013

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Fibrosis, Diffuse

Liver

Bile Duct

Glomerulonephritis, Nos

Pancreas

Hyperplasia, Nos

Pituitary gland

Inflammation, Nos

Stomach

Omentum Nos

Adenoma, Nos

Testis

Necrosis, Fat

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_017

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_018

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_020

**TRT#:** 3

**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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**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 3\_021

**TRT#:** 3

**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

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_024

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3

**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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_028

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**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

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_030

**TRT#:** 3

**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
		Inflammation, Necrotizing
Pancreas	Islets	Hyperplasia, Nos
		Inflammation, Nos
Prostate		Inflammation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_031

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Kidney

Testis

Myocardium Nos

Myocardium Nos

Pheochromocytoma

Fibrosis

Inflammation, Interstitial

Glomerulonephritis, Nos

Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Heart

Intestine Small

Kidney

Liver

Lung

Lymph node

Pancreas

Spleen

Testis

Myocardium Nos

Peyers Patch

Bile Duct

Pheochromocytoma, Malignant

Inflammation, Interstitial

Hyperplasia, Nos

Glomerulonephritis, Nos

Hyperplasia, Focal

Hyperplasia, Nos

Pheochromocytoma, Metastatic

Hyperplasia, Lymphoid

Inflammation, Nos

Hyperplasia, Erythroid

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_034

**TRT#:** 3

**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
Testis	Bile Duct	Hyperplasia, Nos
		Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_035

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**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**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**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**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_040

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney  
Liver  
Lung  
Lymph node  
Pituitary gland  
Testis  
Thyroid

Medulla  
Myocardium Nos  
  
Bile Duct  
Bronchus

Hyperplasia, Focal  
Inflammation, Interstitial  
Glomerulonephritis, Nos  
Hyperplasia, Nos  
Inflammation, Nos  
Hemorrhage  
Adenoma, Nos  
Interstitial-Cell Tumor  
C-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_043

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_044

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_045

**TRT#:** 3

**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

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**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**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Spleen

Testis

Glomerulonephritis, Nos

Hyperplasia, Erythroid

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

---

**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Glomerulonephritis, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Inflammation, Nos

Spleen

Hyperplasia, Erythroid

Testis

Hyperplasia, Hematopoietic

Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3

**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:** C01923A

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 2-Methyl-1-nitroanthraquinone

**CAS Number:** 129-15-7

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

**Time Report Requested:** 10:21:12

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

**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Scheduled Sacrifice

**HISTO:**

---

**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 \*\***