

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C54911
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_001

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Fibrosis
		Hyperplasia, Lymphoid
		Necrosis, Medullary
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas		Atrophy, Focal
Stomach	Forestomach	Squamous Cell Papilloma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Amyloidosis
Brain	Thalamus	Mineralization
Eye	Nasolacrimal Duct	Inflammation, Nos
Kidney	Tubule	Dilatation, Nos
		Fibrosarcoma, Metastatic
		Fibrosis
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Amyloidosis
		Fibrosis, Focal
		Hepatocellular Adenoma
		Necrosis, Focal
Lung		Leukocytosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
	Iliac Lymph Node	Fibrosarcoma, Metastatic
Spleen		Amyloidosis
		Hematopoiesis
Thyroid		Degeneration, Cystic
Unspecified		Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_003

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos Hyperplasia, Lymphoid
	Tubule	Mineralization Nephrosis, Nos
Lung		Congestion, Nos
Skin		Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_004

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Fibrosis Hyperplasia, Lymphoid Nephrosis, Nos
Preputial gland		Degeneration, Cystic
Thyroid		Degeneration, Cystic Follicular-Cell Carcinoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Fibrosis, Focal
		Infarct, Nos
		Mineralization
Skin		Cyst, Epidermal Inclusion
		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Preputial gland		Degeneration, Cystic Inflammation, Chronic
Skin		Ulcer, Nos
Spleen		Hematopoiesis
Testis	Spermatic Cord Nos	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_007

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Brain  
Harderian gland  
Kidney

Thalamus  
Harderian Gland  
Tubule

Mineralization  
Adenoma, Nos  
Dilatation, Nos  
Fibrosis  
Inflammation, Nos  
Necrosis, Medullary  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Leukocytosis, Nos  
Inflammation, Suppurative  
Hematopoiesis  
Fibrosarcoma

Liver  
Lung  
Nasal cavity  
Spleen  
Unspecified

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_008

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metaplasia, Osseous
Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
		Hyperplasia, Lymphoid
		Metaplasia, Osseous
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Degeneration, Cystic
		Inflammation, Chronic
Skin		Inflammation, Chronic
		Ulcer, Nos
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Inflammation, Nos
	Tubule	Mineralization
		Nephrosis, Hydro
		Nephrosis, Nos
Liver		Cyst, Nos
		Hepatocellular Adenoma
Lung		Congestion, Nos
Penis	Prepuce Nos	Inflammation, Chronic
Skin		Inflammation, Chronic
Urinary bladder		Hyperplasia, Epithelial

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Tubule

Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos

Spleen

Hematopoiesis

Unspecified

Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Small  
Kidney

Jejunum  
Papilla

Adenocarcinoma, Nos  
Degeneration, Nos  
Fibrosis

Tubule

Mineralization  
Nephrosis, Nos  
Inflammation, Chronic

Skin  
Spleen  
Thyroid  
Tooth

Hematopoiesis  
Cystic Follicles

Root  
Periodontal Tissues  
Root

Dysplasia, Nos  
Inflammation, Chronic  
Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Papilla Tubule	Degeneration, Nos Mineralization Nephrosis, Nos Hepatocellular Carcinoma
Liver		Congestion, Nos
Lung		Inflammation, Chronic
Skin		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Fibrosis
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Parathyroid gland		Cyst, Multiple
Preputial gland		Degeneration, Cystic
		Inflammation, Chronic
Skin		Squamous Cell Papilloma
Tooth	Root	Dysplasia, Nos
Unspecified	Tail	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_014

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Intestine Small  
Kidney

Mucosa, Jejunum  
Tubule

Adenocarcinoma, Nos  
Dilatation, Nos  
Nephrosis, Nos  
Atrophy, Focal  
Abscess, Nos  
Lymphoma, Lymphocytic-Malignant Type

Pancreas  
Unspecified

Nose  
Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Inflammation, Nos
		Necrosis, Medullary
		Nephrosis, Nos
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct
Skin	Lip Nos	Abscess, Nos
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
Unspecified	Axilla	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_016

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Kidney			Fibrosis
	Pelvis		Hyperplasia, Epithelial
			Hyperplasia, Lymphoid
			Inflammation, Suppurative
			Necrosis, Medullary
			Nephrosis, Nos
Liver			Hepatocellular Carcinoma
			Necrosis, Focal
Penis	Prepuce Nos		Cyst, Epidermal Inclusion
	Prepuce Nos		Ulcer, Chronic
Skin	Buttock		Inflammation, Chronic
	Buttock		Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain  
Intestine Small  
Kidney

Thalamus  
Mesentery Nos  
Papilla

Tubule

Liver

Spleen

Mineralization  
Inflammation, Suppurative  
Degeneration, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Infarct, Nos  
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
Skin	Perineum	Inflammation, Chronic
	Buttock	Squamous Cell Carcinoma
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Fibrosis Hyperplasia, Lymphoid Inflammation, Nos Nephrosis, Nos
Liver		Hemorrhage Hepatocellular Carcinoma
Skin		Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Harderian gland  
Kidney

Harderian Gland  
Papilla  
Tubule

Adenoma, Nos  
Degeneration, Nos  
Dilatation, Nos  
Fibrosis

Tubule

Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos

Lung  
Lymph node

Alveoli  
Mesenteric Lymph Node  
Mandibular Lymph Node

Histiocytosis  
Angiectasis  
Hyperplasia, Lymphoid

Pituitary gland  
Thyroid

Anterior Pituitary

Adenoma, Nos  
Hyperplasia, Follicular Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_023

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Fibrosis
		Nephrosis, Nos
Liver		Infarct, Nos
Lymph node	Mesenteric Lymph Node	Hematopoiesis
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_024

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone marrow		Hemangiosarcoma
Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Fibrosis, Focal
		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
	Capsule	Hypertrophy, Focal
Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct
Tooth	Root	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Fibrosis
		Hyperplasia, Lymphoid
	Pelvis	Hyperplasia, Papillary
	Pelvis	Inflammation, Chronic
		Inflammation, Nos
	Tubule	Mineralization
		Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Capsule  
Cortex Nos

Hyperplasia, Focal  
Hyperplasia, Focal

Kidney

Papilla  
Tubule

Degeneration, Nos  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney

Medulla  
Nasolacrimal Duct  
Tubule

Tubule

Liver

Lung

Pheochromocytoma  
Inflammation, Nos  
Dilatation, Nos  
Fibrosis  
Mineralization  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Necrosis, Focal  
Hepatocellular Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Intestine Small  
Kidney

Mesentery Nos  
Tubule

Liver

Necrosis, Fat  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Necrosis, Medullary  
Nephrosis, Nos  
Hemorrhage  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hyperplasia, Reticulum Cell  
Necrosis, Focal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_031

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Brain  
Harderian gland  
Kidney

Thalamus  
Hardarian Gland  
  
Tubule

Mineralization  
Adenoma, Nos  
Atrophy, Nos  
Dilatation, Nos  
Fibrosis  
Hyperplasia, Lymphoid  
Inflammation, Nos  
Nephrosis, Nos  
Cholesterol Deposit  
Granuloma, Lipo  
Hepatocellular Adenoma  
Necrosis, Focal  
Inflammation, Suppurative  
Inflammation, Chronic  
Degeneration, Cystic  
Granuloma, Lipo  
Inflammation, Nos

Liver

Prostate  
Skin  
Thyroid  
Unspecified  
Urinary bladder

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Liver	Centrilobular	Cytoplasmic Vacuolization
		Necrosis, Focal
Lung		Leukocytosis, Nos
Unspecified	Buttock	Sarcoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain  
Kidney

Thalamus  
Tubule

Mineralization  
Dilatation, Nos  
Fibrosis  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Inflammation, Chronic

Skin

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Heart		Inflammation, Suppurative
Kidney	Tubule	Dilatation, Nos
		Fibrosis
	Pelvis	Inflammation, Nos
		Inflammation, Nos
		Necrosis, Medullary
		Nephrosis, Nos
Prostate		Inflammation, Suppurative
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified		Neurilemoma
Urinary bladder		Inflammation, Nos

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Inguinal Lymph Node	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Nos
Skin	Back	Ulcer, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Lymph node  
Peritoneum

Mesentery Nos  
Inguinal Lymph Node

Inflammation, Suppurative  
Hyperplasia, Nos  
Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney		Inflammation, Suppurative
Lung		Congestion, Nos
Lymph node	Iliac Lymph Node	Hyperplasia, Plasma Cell
Thyroid		Pigmentation, Nos
Urinary bladder		Inflammation, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla

Hyperplasia, Focal  
Adhesion, Nos

Tubule

Dilatation, Nos  
Fibrosis  
Hyperplasia, Lymphoid  
Inflammation, Nos

Tubule

Mineralization  
Nephrosis, Hydro  
Nephrosis, Nos  
Inflammation, Chronic

Skin

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Ectopia

Kidney

Medulla

Hyperplasia, Focal

Tubule

Dilatation, Nos

Skin

Nephrosis, Nos

Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Brain  
Harderian gland  
Intestine Large  
Kidney

Thalamus  
Harderian Gland  
Anus Nos  
  
Tubule

Mineralization  
Adenoma, Nos  
Cyst, Nos  
Atrophy, Nos  
Dilatation, Nos  
Fibrosis  
Inflammation, Nos  
Necrosis, Focal  
Nephrosis, Nos  
Inflammation, Suppurative  
Inflammation, Suppurative  
Atrophy, Nos

Prostate  
Seminal vesicle  
Spleen

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:54  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Kidney

Medulla  
Harderian Gland  
Papilla

Tubule

Skin

Pheochromocytoma  
Adenoma, Nos  
Degeneration, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Congestion, Nos
Preputial gland		Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla  
Papilla

Tubule

Liver  
Unspecified

Hyperplasia, Focal  
Degeneration, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Hepatocellular Adenoma  
Angiectasis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma

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**PRIMARY CAUSE OF DEATH** -

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_046

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

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

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

**OBSERVATIONS**

Blood vessel	Mesenteric Artery Nos	Hypertrophy, Nos
Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Fibrosis
		Hyperplasia, Lymphoid
Lymph node	Mesenteric Lymph Node	Nephrosis, Nos
Unspecified		Angiectasis
		Edema, Nos
	Multiple Organs Nos	Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos Fibrosis Hyperplasia, Lymphoid
	Tubule	Mineralization Nephrosis, Nos
Liver		Fibrosis, Focal Infarct, Nos Pigmentation, Nos Thrombosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Thyroid		Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 250.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Harderian gland  
Kidney

Harderian Gland  
Tubule

Adenoma, Nos  
Dilatation, Nos  
Hyperplasia, Lymphoid

Tubule

Mineralization  
Nephrosis, Nos  
Alveolar/Bronchiolar Carcinoma

Lung  
Spleen  
Tooth

Root

Hyperplasia, Lymphoid  
Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1  
**DOSE:** 250.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Bone marrow  
Kidney

Tubule  
  
Tubule

Fibrosis, Myelo  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Intestine Small  
Kidney

Ileum  
Papilla  
Tubule  
  
Tubule

Hyperplasia, Lymphoid  
Degeneration, Nos  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Inflammation, Chronic  
Ulcer, Nos

Skin

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Spleen		Hyperplasia, Lymphoid
Stomach	Forestomach	Squamous Cell Papilloma
Tooth	Root	Inflammation, Suppurative
Unspecified		Fibroma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Harderian gland  
Kidney

Harderian Gland  
Tubule

Carcinoma, Nos  
Dilatation, Nos  
Nephrosis, Nos

Liver  
Lymph node  
Preputial gland

Mesenteric Lymph Node

Hematopoiesis  
Angiectasis  
Degeneration, Cystic  
Inflammation, Chronic  
Hematopoiesis  
Fibrosarcoma

Spleen  
Unspecified

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Nephrosis, Nos
Liver		Deformity, Nos Hepatocellular Carcinoma
	Bile Duct	Hyperplasia, Nos Infarct, Nos Necrosis, Focal Pigmentation, Nos Hepatocellular Carcinoma, Metastatic
Lung		
Lymph node	Bronchial Lymph Node	Hyperplasia, Nos
Preputial gland		Degeneration, Cystic
Skin		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Brain	Thalamus	Mineralization
Intestine Small	Peyers Patch	Hyperplasia, Lymphoid
Kidney	Tubule	Dilatation, Nos
	Tubule	Hyperplasia, Lymphoid
		Mineralization
Liver		Nephrosis, Nos
Lung		Hepatocellular Adenoma
		Alveolar/Bronchiolar Adenoma
		Hemorrhage
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Inflammation, Chronic
Skin		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Intestine Small  
Kidney

Peyers Patch  
Tubule

Hyperplasia, Lymphoid  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Cyst, Nos

Liver  
Unspecified

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney

Tubule

Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Hepatocellular Carcinoma

Liver

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Pituitary gland	Anterior Pituitary	Cyst, Embryonal Duct
Preputial gland		Degeneration, Cystic Inflammation, Chronic
Spleen		Hemangiosarcoma
Stomach	Serosa	Inflammation, Chronic
Thyroid		Follicular-Cell Carcinoma
Tooth	Root	Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Fibrosis Hyperplasia, Lymphoid Inflammation, Nos Nephrosis, Nos
Liver	Bile Duct	Hepatocellular Carcinoma Hyperplasia, Nos
Lung	Scrotum Nos	Alveolar/Bronchiolar Carcinoma
Testis	Scrotum Nos	Necrosis, Fat Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney

Hyperplasia, Lymphoid  
Nephrosis, Nos

Liver

Hepatocellular Carcinoma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Intestine Small  
Kidney

Gland, Duodenum  
Tubule

Cyst, Nos  
Dilatation, Nos  
Hyperplasia, Lymphoid

Tubule

Mineralization  
Nephrosis, Nos

Tooth

Root

Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
Skin		Inflammation, Chronic
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Focal
	Forestomach	Ulcer, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Focal
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Spleen		Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Intestine Small  
Kidney

Mesentery Nos

Necrosis, Focal  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Carcinoma  
Congestion, Nos  
Dilatation, Nos  
Dysplasia, Nos

Liver  
Lung

Prostate  
Tooth

Coagulating Gland  
Root

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney

Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hemorrhage

Lung

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos
	Tubule	Mineralization
Liver		Metamorphosis, Fatty
Lung		Congestion, Nos
Skin	Back	Fibrosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Fibrosis Hyperplasia, Lymphoid Inflammation, Nos Nephrosis, Nos
Liver	Centrilobular	Hepatocellular Carcinoma Necrosis, Nos
Prostate		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Heart	Atrium	Thrombosis, Nos
Kidney	Tubule	Dilatation, Nos
		Nephrosis, Nos
Liver	Centrilobular	Atrophy, Nos
		Congestion, Nos
	Centrilobular	Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Inflammation, Focal
Unspecified	Soft Tissue	Fibrosis
	Soft Tissue	Necrosis, Fat
		Sarcoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Skin		Inflammation, Chronic
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Brain  
Harderian gland  
Intestine Small  
Kidney

Thalamus  
Harderian Gland  
Mesentery Nos  
Tubule

Mineralization  
Adenoma, Nos  
Necrosis, Fat  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Alveolar/Bronchiolar Carcinoma  
Fibrosis  
Hyperplasia, Lymphoid

Lung  
Penis  
Spleen

Prepuce Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Epididymis		Inflammation, Chronic Focal
Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Spleen		Hyperplasia, Lymphoid

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos
	Tubule	Mineralization
		Nephrosis, Nos
Tooth	Root	Dysplasia, Nos
	Root	Inflammation, Suppurative
Unspecified		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Mineralization
	Tubule	Nephrosis, Nos Hepatocellular Carcinoma
Liver		Inflammation, Chronic
Skin		Fibrosarcoma
Unspecified		

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid
	Tubule	Mineralization Nephrosis, Nos
Thyroid		Degeneration, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid
	Tubule	Mineralization Nephrosis, Nos
Skin		Infection, Fungal Inflammation, Chronic
Unspecified		Inflammation, Granulomatous Fibroma Fibrosarcoma

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla  
Tubule

Hyperplasia, Focal  
Dilatation, Nos  
Fibrosis  
Nephrosis, Nos  
Hepatocellular Adenoma  
Congestion, Nos  
Inflammation, Chronic  
Ulcer, Nos  
Cyst, Epidermal Inclusion  
Infection, Fungal  
Inflammation, Granulomatous  
Ulcer, Nos

Liver  
Lung  
Skin

Stomach  
Unspecified

Forestomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney

Tubule

Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Lung		Congestion, Nos
Lymph node	Inguinal Lymph Node	Hyperplasia, Nos
Preputial gland		Degeneration, Cystic
		Inflammation, Chronic
Skin	Back	Inflammation, Chronic
Testis	Scrotum Nos	Edema, Nos
	Scrotum Nos	Inflammation, Nos
Unspecified		Hemorrhage

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 125.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Hemorrhage
		Inflammation, Focal
Heart		Inflammation, Suppurative
		Thrombosis, Nos
Kidney	Tubule	Dilatation, Nos
		Fibrosis
		Nephrosis, Nos
Preputial gland		Degeneration, Cystic
		Inflammation, Chronic
Skin		Ulcer, Nos
Testis	Tunica Vaginalis	Fibrosis
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Atrophy, Nos
	Medulla	Hyperplasia, Adenomatous
Brain	Thalamus	Mineralization
Heart	Myocardium Nos	Inflammation, Focal
Kidney	Tubule	Dilatation, Nos
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Peritoneum	Pelvic Peritoneal Cavity	Foreign Body, Nos
	Pelvic Peritoneal Cavity	Inflammation, Suppurative
Prostate	Coagulating Gland	Dilatation, Nos
Seminal vesicle		Dilatation, Nos
		Hemorrhage
Skin	Back	Inflammation, Chronic
Spleen		Atrophy, Nos
Thymus	Lymphocytes	Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver

Mucosa, Jejunum

Hyperplasia, Adenomatous  
Inflammation, Nos  
Hepatocellular Carcinoma  
Necrosis, Focal  
Inflammation, Suppurative  
Hematopoiesis

Peritoneum  
Spleen

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney

Tubule

Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Bone marrow		Thrombosis, Nos
Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Unspecified		Neurilemoma

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Tubule	Hyperplasia, Lymphoid Mineralization Nephrosis, Nos
Liver		Cytoplasmic Vacuolization Deformity, Nos
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Angiectasis

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Skin		Hyperplasia, Epithelial
		Ulcer, Nos
Unspecified		Fibroma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
Thyroid		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Brain	Cortex Thalamus	Inflammation, Suppurative Mineralization
Kidney	Tubule	Dilatation, Nos Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Fibrosis
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Nasal cavity		Inflammation, Suppurative
Skin		Inflammation, Chronic
Thyroid		Cystic Follicles

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Cholesterol Deposit
		Necrosis, Focal
Skin		Hyperplasia, Basal Cell
		Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Spleen		Hematopoiesis
Tooth	Gum Of Mandible	Angiectasis
	Root	Dysplasia, Nos
	Gum Of Mandible	Foreign Body, Reaction
	Gum Of Mandible	Hypertrophy, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Papilla	Degeneration, Nos
	Tubule	Dilatation, Nos
		Inflammation, Nos
		Nephrosis, Nos
Liver		Hematopoiesis
		Hepatocellular Carcinoma
		Infarct, Nos
Lung		Hyperplasia, Alveolar Epithelium
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain  
Kidney

Thalamus  
  
Tubule

Mineralization  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Angiectasis

Lymph node

Mesenteric Lymph Node

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

**OBSERVATIONS**

Brain  
Eye  
Harderian gland  
Intestine Small  
Kidney

Thalamus  
Nasolacrimal Duct  
Harderian Gland  
Jejunum  
Tubule

Mineralization  
Inflammation, Nos  
Adenoma, Nos  
Adenocarcinoma, Nos  
Dilatation, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Hepatocellular Carcinoma, Metastatic  
Inflammation, Chronic  
Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain  
Harderian gland  
Kidney

Thalamus  
Harderian Gland  
  
Tubule

Mineralization  
Adenoma, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Aspiration, Foreign Body
		Hepatocellular Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Nephrosis, Nos
Liver		Hepatocellular Carcinoma Necrosis, Focal
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
Unspecified		Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

**SEX:** Male  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Aspiration, Foreign Body
		Congestion, Nos
Skin	Back	Inflammation, Chronic
Stomach	Forestomach	Inflammation, Focal

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2  
**DOSE:** 125.0 MG/KG

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

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

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Mineralization
	Tubule	Nephrosis, Nos Hepatocellular Carcinoma
Liver		Hyperplasia, Epithelial
Stomach	Forestomach	Inflammation, Focal
	Forestomach	

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_001

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney

Tubule

Mineralization  
Nephrosis, Nos

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_002

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_003

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule  
Tubule

Hyperplasia, Focal  
Mineralization  
Nephrosis, Nos  
Alveolar/Bronchiolar Adenoma  
Dilatation, Nos  
Inflammation, Focal  
Follicular-Cell Adenoma

Lung  
Seminal vesicle  
Stomach  
Thyroid

Glandular Stomach

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_004

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Mineralization Nephrosis, Nos
Liver		Angiectasis
Preputial gland		Degeneration, Cystic
Stomach	Forestomach	Squamous Cell Papilloma
Tooth	Root	Dysplasia, Nos
	Periodontal Tissues	Inflammation, Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
	Diaphragm Nos	Mineralization

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Inflammation, Chronic
Skin		Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Harderian gland  
Kidney

Harderian Gland

Tubule

Liver

Stomach

Bile Duct  
Forestomach  
Forestomach

Thyroid

Adenoma, Nos  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Hyperplasia, Nos  
Hyperplasia, Epithelial  
Ulcer, Nos  
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_007

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
Salivary gland		Hyperplasia, Lymphoid
Thyroid		Degeneration, Cystic

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_008

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney	Tubule	Mineralization Nephrosis, Nos
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney

Tubule

Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Tubular-Cell Adenoma  
Hepatocellular Adenoma  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma  
Hyperplasia, Alveolar Epithelium  
Cystic Follicles

Liver

Lung

Thyroid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Lipoma
		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Preputial gland		Degeneration, Cystic
Skin		Inflammation, Chronic
Thyroid		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_011

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Inflammation, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity		Foreign Body, Nos
Preputial gland		Inflammation, Chronic
Stomach	Forestomach	Squamous Cell Papilloma
Unspecified		Lymphangiectasis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_012

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Inflammation, Suppurative
Preputial gland		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos
	Root	Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_013

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_014

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Nephrosis, Nos
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Spleen		Hematopoiesis
Unspecified	Foot Nos	Inflammation, Nos
		Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_015

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Eye	Cornea	Inflammation, Nos
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Nephrosis, Nos
Nasal cavity	Mucosa	Hyperplasia, Polypoid
Spleen		Hemangiosarcoma
Testis	Spermatic Cord Nos	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_016

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Intestine Small  
Kidney

Duodenum  
Tubule

Adenocarcinoma, Nos  
Mineralization  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Hyperplasia, Follicular Cell  
Dysplasia, Nos

Liver  
Thyroid  
Tooth

Root

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hemangiosarcoma
		Hepatocellular Carcinoma
		Thrombosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Nasal cavity	Mucosa	Hyperplasia, Polypoid
Thyroid		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_018

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Kidney

Hyperplasia, Lymphoid  
Nephrosis, Nos  
Degeneration, Cystic

Thyroid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_019

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Kidney		Hyperplasia, Lymphoid Nephrosis, Nos
Liver		Hepatocellular Adenoma
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_020

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

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

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Dilatation, Nos
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain  
Intestine Small  
Kidney

Thalamus  
Jejunum

Mineralization  
Adenocarcinoma, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos

Lymph node

Mesenteric Lymph Node  
Bronchial Lymph Node

Angiectasis  
Hyperplasia, Lymphoid  
Inflammation, Chronic  
Squamous Cell Papilloma  
Hematopoiesis  
Hyperplasia, Lymphoid

Preputial gland  
Skin  
Spleen

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_022

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

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Nephrosis, Nos  
Angiectasis  
Congestion, Nos  
Hemorrhage  
Infarct, Nos  
Metamorphosis, Fatty

Centrilobular

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_023

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Brain	Thalamus	Mineralization
Epididymis		Hyperplasia, Lymphoid
Kidney		Nephrosis, Nos
Stomach	Forestomach	Squamous Cell Papilloma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_024

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

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

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

---

**OBSERVATIONS**

Liver

Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_025

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Intestine Large  
Kidney  
Tooth

Capsule  
Thalamus  
Submucosa, Rectum  
Root

Adenoma, Nos  
Mineralization  
Foreign Body, Reaction  
Hyperplasia, Lymphoid  
Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_026

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Lymphoid
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Testis	Spermatic Cord Nos	Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_027

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
	Alveoli	Histiocytosis
		Hyperplasia, Lymphoid
Tooth	Root	Dysplasia, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_028

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland  
Kidney

Medulla  
  
Tubule

Thyroid

Fibrosis  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Cystic Follicles  
Hyperplasia, Follicular Cell  
Dysplasia, Nos  
Inflammation, Chronic

Tooth

Root  
Periodontal Tissues

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_029

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

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

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

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**OBSERVATIONS**

Brain  
Intestine Small  
Kidney  
Liver  
Skin  
  
Spleen  
Unspecified

Thalamus  
Jejunum  
  
Common Bile Duct Nos  
  
  
  
Nose

Mineralization  
Hyperplasia, Adenomatous  
Nephrosis, Nos  
Cystic Ducts  
Inflammation, Chronic  
Ulcer, Nos  
Hematopoiesis  
Fibrosarcoma  
Inflammation, Chronic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_030

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_031

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Cortex Nos

Clear-Cell Change  
Hypertrophy, Focal  
Hyperplasia, Lymphoid

Kidney

Tubule

Mineralization  
Nephrosis, Nos

Tooth

Root

Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_032

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain  
Intestine Small  
Kidney

Thalamus  
Ileum

Tubule

Lymph node  
Nasal cavity

Mesenteric Lymph Node

Spleen

Mineralization  
Hyperplasia, Adenomatous  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos  
Hyperplasia, Lymphoid  
Foreign Body, Reaction  
Inflammation, Suppurative  
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_033

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

---

**OBSERVATIONS**

Adrenal gland  
Eye  
Kidney

Capsule  
Nasolacrimal Duct  
Tubule

Adenoma, Nos  
Hyperplasia, Epithelial  
Mineralization  
Nephrosis, Nos  
Mineralization  
Necrosis, Fat

Testis

Spermatic Cord Nos  
Spermatic Cord Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_034

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

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

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

---

**OBSERVATIONS**

Kidney		Nephrosis, Nos
Skin	Nose	Squamous Cell Carcinoma
Stomach	Forestomach	Inflammation, Focal
Unspecified	Multiple Organs Nos	Squamous Cell Carcinoma, Metastatic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_035

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Nephrosis, Nos
Liver		Angiectasis
		Hepatocellular Adenoma
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Seminal vesicle		Dilatation, Nos
Tooth	Root	Dysplasia, Nos
Urinary bladder		Hemangioma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_036

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

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

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Nephrosis, Nos
Liver		Hepatocellular Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_037

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Seminal vesicle		Dilatation, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_038

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Focal Cellular Change
Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_039

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Bone	Knee Joint Nos	Dysplasia, Nos
Brain	Thalamus	Mineralization
Harderian gland	Harderian Gland	Adenoma, Nos
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Inflammation, Focal
		Necrosis, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas	Islets	Islet-Cell Adenoma
Stomach	Forestomach	Squamous Cell Carcinoma
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_040

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

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

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

---

**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_041

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Skin		Keratoacanthoma
Thyroid		Cystic Follicles
Tooth	Root	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Hyperplasia, Lymphoid Nephrosis, Hydro Nephrosis, Nos
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Prostate	Coagulating Gland	Dilatation, Nos
Seminal vesicle		Dilatation, Nos
Tooth	Root	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_043

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Brain  
Intestine Small  
Kidney

Thalamus  
Ileum

Liver  
Lung  
Lymph node

Mediastinal Lymph Node  
Mesenteric Lymph Node

Preputial gland

Mineralization  
Adenocarcinoma, Nos  
Hyperplasia, Lymphoid  
Nephrosis, Nos  
Hepatocellular Carcinoma  
Alveolar/Bronchiolar Carcinoma  
Alveolar/Bronchiolar Carcinoma, Metastatic  
Lymphoma, Mixed-Malignant Type  
Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

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

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

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

**OBSERVATIONS**

Brain		Hemorrhage Inflammation, Suppurative
	Thalamus	Mineralization
Heart		Inflammation, Suppurative
Kidney		Inflammation, Suppurative
	Tubule	Mineralization
Liver		Hepatocellular Carcinoma Necrosis, Focal Thrombosis, Nos
Lung		Alveolar/Bronchiolar Adenoma Leukocytosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Pancreas		Atrophy, Focal
	Islets	Hyperplasia, Nos
Spleen		Hematopoiesis
Testis	Spermatid Cord Nos	Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_045

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Kidney	Tubule	Hyperplasia, Lymphoid Mineralization Nephrosis, Nos
Liver	Common Bile Duct Nos	Cystic Ducts Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Prostate	Coagulating Gland	Dilatation, Nos
Skin		Fibrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_046

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Liver		Hepatocellular Adenoma
Nasal cavity		Inflammation, Suppurative
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_047

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain	Thalamus	Mineralization
Kidney	Tubule	Mineralization
		Nephrosis, Nos
Nasal cavity	Mucosa	Hyperplasia, Polypoid
		Inflammation, Suppurative
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_048

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

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

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

**OBSERVATIONS**

Kidney	Tubule	Mineralization Nephrosis, Nos
Lung		Hyperplasia, Alveolar Epithelium Leukocytosis, Nos
Lymph node	Mesenteric Lymph Node	Angiectasis
Prostate	Periprostatic Tissue	Inflammation, Nos
Spleen		Hematopoiesis
Testis	Spermatic Cord Nos	Inflammation, Suppurative
Tooth	Root	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

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

**SEX:** Male  
**DISP:** Terminal Sacrifice

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

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**OBSERVATIONS**

Brain  
Kidney

Thalamus  
  
Tubule

Mineralization  
Hyperplasia, Lymphoid  
Mineralization  
Nephrosis, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54911  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** C.I. Acid orange 3  
**CAS Number:** 6373-74-6

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 11:34:55  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_050

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

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

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

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**OBSERVATIONS**

Kidney		Hyperplasia, Lymphoid
	Tubule	Mineralization
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Thyroid		Degeneration, Cystic
Tooth	Root	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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