

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**C Number:** C55696A  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C01

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Lung

Congestion, Nos

Foreign Material, Nos

Hemorrhage

Nasal cavity

Foreign Material, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C02

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Mineralization
Liver		Cytoplasmic Vacuolization
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Focal Cellular Change
Salivary gland		Lymphocytic Inflammatory Infiltrate
Stomach	Forestomach	Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C03

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain

Cortex Nos

Atrophy, Brown  
Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C04

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Nasal cavity  
Unspecified

Foreign Material, Nos  
Abscess, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C05

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain  
Salivary gland

Mineralization  
Atrophy, Nos  
Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C06

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney

Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C07

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

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**OBSERVATIONS**

Heart	Cardiac Valve	Mineralization
Nasal cavity		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Foreign Material, Nos
		Inflammation, Acute
		Amyloidosis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C08

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Ear	Middle Ear	Inflammation, Acute
Liver		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Foreign Material, Nos
Preputial gland		Impaction, Nos
		Inflammation, Acute/Chronic
Prostate		Hemorrhage
Salivary gland		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C09

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Atrophy, Brown
	Cortex Nos	Clear-Cell Change
	Cortex Nos	Hypertrophy, Focal
Brain		Cytoplasmic Vacuolization
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C10

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Lung  
Salivary gland

Cortex Nos

Atrophy, Brown  
Mineralization  
Hyperplasia, Alveolar Epithelium  
Inflammation, Granulomatous  
Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C11

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain

Heart

Liver

Lymph node

Thymus

Cardiac Valve

Mesenteric Lymph Node

Mineralization

Pigmentation, Nos

Clear-Cell Change

Hemorrhage

Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C12

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Heart	Cardiac Valve	Pigmentation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
Testis		Atrophy, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C13

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Atrophy, Brown

Cortex Nos

Hypertrophy, Focal

Kidney

Cyst, Nos

Liver

Cytoplasmic Change, Basophilic

Lymph node

Hyperplasia, Lymphoid

Nasal cavity

Foreign Material, Nos

Pancreas

Acinus

Atrophy, Nos

Preputial gland

Abscess, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C14

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain

Lymph node

Thyroid

Mesenteric Lymph Node

Mineralization

Hemorrhage

Crystals, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Mineralization

Lymph node

Mesenteric Lymph Node

Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C16

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Nasal cavity

Foreign Material, Nos  
Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C17

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

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**OBSERVATIONS**

Eye  
Nasal cavity

Conjunctiva

Inflammation, Acute/Chronic  
Foreign Material, Nos  
Inflammation, Acute  
Atrophy, Nos

Testis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C18

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Mineralization
Eye		Cataract
Harderian gland	Harderian Gland	Papillary Adenoma
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Preputial gland		Abscess, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C19

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Brain		Mineralization
Kidney		Glomerulonephritis, Nos
Liver		Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Preputial gland		Dilatation, Nos
		Lymphocytic Inflammatory Infiltrate
Unspecified	Multiple Organs Nos	Thrombosis, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C20

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Epididymis  
Heart  
Lung  
Thyroid

Capsule

Cardiac Valve

Hyperplasia, Nos  
Mineralization  
Pigmentation, Nos  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C21

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
		Hyperplasia, Lymphoid
Nasal cavity		Foreign Material, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Abscess, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Inflammation, Acute/Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C22

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Liver  
Lung

Cortex Nos

Atrophy, Brown  
Hepatocellular Carcinoma  
Alveolar/Bronchiolar Adenoma  
Histiocytosis

Preputial gland  
Skin  
Unspecified

Groin

Multiple Organs Nos  
Multiple Organs Nos

Abscess, Nos  
Keratoacanthoma  
Hyperplasia, Lymphoid  
Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Mineralization
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Skin		Inflammation, Acute
Thyroid		Cyst, Follicular Nos
Unspecified	Tail	Sarcoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_C24

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Liver  
Nasal cavity

Capsule

Hyperplasia, Nos  
Hepatocellular Adenoma  
Foreign Material, Nos  
Inflammation, Acute  
Hyperplasia, Nodular

Pancreas

Acinus

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C25

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

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**OBSERVATIONS**

Pituitary gland  
Unspecified

Anterior Pituitary  
Multiple Organs Nos

Hyperplasia, Chromophobe Cell  
Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C26

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

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**OBSERVATIONS**

Brain  
Intestine Small  
Liver  
Lung

Jejunum

Mineralization  
Adenocarcinoma, Nos  
Cytoplasmic Vacuolization  
Hyperplasia, Alveolar Epithelium

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Mineralization
Liver		Clear-Cell Change
		Hepatocellular Adenoma
Pancreas	Acinus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 1\_C28

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Mineralization

Salivary gland

Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C29

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Blood vessel  
Epididymis  
Lung  
Salivary gland

Capsule  
Renal Artery Nos

Hyperplasia, Nos  
Inflammation, Chronic  
Granuloma, Spermatic  
Alveolar/Bronchiolar Adenoma  
Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Cardiac Valve	Pigmentation, Nos
Kidney		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Preputial gland		Hemangioma
		Impaction, Nos
		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Thyroid		Crystals, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C31

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Mineralization

Lymph node

Mesenteric Lymph Node

Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C32

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Mineralization
Kidney		Nephrosis, Nos
Liver		Abnormal Curvature
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Infarct, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Nos
		Dilatation, Ducts
	Duct Nos	Inflammation, Acute/Chronic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C34

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver  
Thyroid

Clear-Cell Change  
Cyst, Follicular Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C35

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thyroid		Cyst, Follicular Nos
Unspecified	Head	Abscess, Nos
	Chest	Lipoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain  
Nasal cavity

Pancreas  
Unspecified

Acinus  
Multiple Organs Nos  
Multiple Organs Nos

Mineralization  
Foreign Material, Nos  
Inflammation, Acute  
Atrophy, Nos  
Hyperplasia, Lymphoid  
Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C37

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Parathyroid gland  
Testis

Tunica Albuginea

Cyst, Nos  
Inflammation, Granulomatous  
Interstitial-Cell Tumor

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C38

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule

Atrophy, Brown  
Hyperplasia, Nos

Preputial gland

Inflammation, Acute/Chronic

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C39

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
Stomach	Forestomach	Squamous Cell Papilloma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Brain  
Thymus  
Unspecified

Multiple Organs Nos

Mineralization  
Cyst, Nos  
Lymphangiectasis  
Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C41

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Blood vessel	Aorta Nos	Inflammation, Chronic
Esophagus	Lumen	Hemorrhage
Kidney		Hemorrhage
Lung		Foreign Material, Nos
		Hemorrhage
Nasal cavity		Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C42

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Mineralization
Liver		Hepatocellular Adenoma
Lung		Foreign Material, Nos
Nasal cavity		Foreign Material, Nos
Pancreas	Acinus	Atrophy, Nos
		Dilatation, Ducts
		Lymphocytic Inflammatory Infiltrate
Testis		Atrophy, Nos
Thymus		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C43

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain		Mineralization
Esophagus		Cyst, Nos
Heart	Cardiac Valve	Pigmentation, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C44

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain  
Kidney  
Nasal cavity

Mineralization  
Cyst, Nos  
Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Brain		Mineralization
Pancreas	Acinus	Atrophy, Nos Dilatation, Ducts Granuloma, Nos
Spleen		Hematopoiesis
Thyroid		Crystals, Nos Cyst, Follicular Nos
Unspecified	Abdominal Cavity	Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C46

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Heart  
Intestine Large  
Lymph node  
  
Pancreas  
Pituitary gland

Capsule  
Cardiac Valve  
Cecum, Colon  
Mesenteric Lymph Node  
Mesenteric Lymph Node  
Acinus  
Anterior Pituitary

Hyperplasia, Nos  
Pigmentation, Nos  
Mucinous Adenocarcinoma  
Hemorrhage  
Mucinous Adenocarcinoma, Metastatic  
Atrophy, Nos  
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C47

**TRT#:** 1  
**DOSE:** 075.0 MG/KG

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Atrophy, Brown
	Cortex Nos	Hyperplasia, Nos
Kidney		Metaplasia, Osseous
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C48

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Cortex Nos

Hypertrophy, Focal

Brain

Mineralization

Kidney

Nephrosis, Nos

Lymph node

Mesenteric Lymph Node

Hemorrhage

Nasal cavity

Foreign Material, Nos

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_C49

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung  
Salivary gland  
Spleen

Hyperplasia, Alveolar Epithelium  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_C50

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Heart	Cardiac Valve	Pigmentation, Nos
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Squamous Cell Papilloma
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Tail	Hemangiosarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C01

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Stomach  
Urinary bladder

Forestomach

Squamous Cell Papilloma  
Dilatation, Nos

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C02

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Esophagus		Inflammation, Acute
Lung	Pleura Nos	Inflammation, Acute
Nasal cavity		Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C03

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain	
Kidney	
Lymph node	Mandibular Lymph Node
Nasal cavity	
Prostate	

Mineralization  
Mineralization  
Necrosis, Nos  
Foreign Material, Nos  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C04

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Lung

Alveolar/Bronchiolar Adenoma  
Histiocytosis  
Hyperplasia, Alveolar Epithelium  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Epithelial  
Inflammation, Acute/Chronic  
Dilatation, Nos

Nasal cavity

Preputial gland

Urinary bladder

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C05

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Kidney  
Nasal cavity  
Spleen

Cortex Nos

Hypertrophy, Focal  
Mineralization  
Foreign Material, Nos  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C06

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Kidney	Hemorrhage
Liver	Cytoplasmic Vacuolization
Lung	Congestion, Nos
	Foreign Material, Nos
Nasal cavity	Foreign Material, Nos
Salivary gland	Lymphocytic Inflammatory Infiltrate
Thyroid	Hyperplasia, Follicular Cell

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C07

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
Nasal cavity

Nephrosis, Nos  
Hepatocellular Carcinoma  
Foreign Material, Nos  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C08

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Liver		Cytoplasmic Vacuolization
Lung		Foreign Material, Nos
Pancreas	Acinus	Atrophy, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 2\_C09

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Vacuolization

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C10

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Lung	Alveolar/Bronchiolar Adenoma
	Histiocytosis
	Hyperplasia, Alveolar Epithelium
	Lymphocytic Inflammatory Infiltrate

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C11

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Mineralization  
Clear-Cell Change

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C12

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Lymph node

Mesenteric Lymph Node  
Mesenteric Lymph Node

Hemorrhage  
Hyperplasia, Lymphoid

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C13

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung  
Unspecified

Multiple Organs Nos

Alveolar/Bronchiolar Adenoma  
Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C14

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Urinary bladder

Dilatation, Nos  
Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C16

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Lung	Foreign Material, Nos Hemorrhage
Nasal cavity	Congestion, Nos Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C17

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Lung

Congestion, Nos  
Foreign Material, Nos  
Lymphocytic Inflammatory Infiltrate

Nasal cavity

Necrosis, Nos  
Foreign Material, Nos

Unspecified

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 2\_C19

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C20

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Inflammation, Acute
Liver		Necrosis, Nos
Nasal cavity		Foreign Material, Nos
Unspecified		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 2\_C21

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver	Cytoplasmic Vacuolization
Lung	Congestion, Nos
Nasal cavity	Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C22

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Nephrosis, Nos  
Hepatocellular Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C23

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Brain	Mineralization
Kidney	Mineralization
Liver	Cytoplasmic Vacuolization
Lung	Congestion, Nos
	Foreign Material, Nos
Nasal cavity	Foreign Material, Nos
Prostate	Hemorrhage

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C25

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver

Nephrosis, Nos  
Hepatocellular Adenoma  
Hepatocellular Carcinoma  
Foreign Material, Nos  
Inflammation, Acute

Nasal cavity

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C26

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Kidney		Mineralization
Liver		Cytoplasmic Vacuolization
Lung		Congestion, Nos
		Foreign Material, Nos
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Unspecified	Multiple Organs Nos	Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C27

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Eye  
Kidney

Cataract  
Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C28

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney		Lymphocytic Inflammatory Infiltrate
Unspecified	Nose	Inflammation, Granulomatous

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C29

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Liver		Clear-Cell Change
Stomach	Forestomach	Squamous Cell Papilloma
Tooth		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C30

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Foreign Material, Nos

Necrosis, Nos

Nasal cavity

Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 2\_C31

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Nasal cavity

Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C32

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Nasal cavity

Foreign Material, Nos  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C34

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Harderian gland  
Kidney  
Liver  
Nasal cavity

Hardarian Gland

Papillary Adenoma  
Mineralization  
Hepatocellular Adenoma  
Foreign Material, Nos  
Inflammation, Acute

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C35

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney	Lymphocytic Inflammatory Infiltrate
Liver	Angiectasis
Nasal cavity	Foreign Material, Nos
Spleen	Hemangiosarcoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C36

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Lung		Congestion, Nos
	Bronchiole	Necrosis, Nos
Nasal cavity		Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C37

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Nasal cavity

Mineralization  
Foreign Material, Nos  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C38

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Heart  
Lung

Capsule  
  
Cardiac Valve

Hyperplasia, Nos  
Mineralization  
Degeneration, Cystic  
Congestion, Nos  
Foreign Material, Nos  
Hemorrhage  
Foreign Material, Nos  
Cystic Follicles

Nasal cavity  
Thyroid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C39

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Lung	Congestion, Nos
	Foreign Material, Nos
	Hepatocellular Carcinoma, Metastatic
Nasal cavity	Foreign Material, Nos
	Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C41

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney

Infection, Bacterial  
Pyelonephritis, Acute

Seminal vesicle

Dilatation, Nos  
Inflammation, Acute

Testis

Syncytial Alteration

Unspecified

Multiple Organs Nos

Necrosis, Nos

Urinary bladder

Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 2\_C42

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney

Nephrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C43

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney

Cyst, Nos

Nasal cavity

Mineralization

Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C45

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Heart  
Lung

Cardiac Valve

Pigmentation, Nos  
Congestion, Nos  
Foreign Material, Nos  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C46

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Kidney  
Liver  
  
Preputial gland

Nephrosis, Nos  
Cytoplasmic Vacuolization  
Hepatocellular Carcinoma  
Impaction, Nos  
Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C47

**TRT#:** 2  
**DOSE:** 038.0 MG/KG

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

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

---

**OBSERVATIONS**

Brain  
Kidney  
Nasal cavity

Mineralization  
Hemorrhage  
Foreign Material, Nos  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C48

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Vacuolization

Lung

Hyperplasia, Alveolar Epithelium

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_C49

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Liver

Cytoplasmic Vacuolization

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_C50

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 038.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Harderian gland  
Kidney  
Lung

Hardarian Gland

Papillary Adenoma  
Nephrosis, Nos  
Alveolar/Bronchiolar Adenoma  
Alveolar/Bronchiolar Carcinoma  
Histiocytosis  
Hyperplasia, Alveolar Epithelium  
Foreign Material, Nos  
Inflammation, Acute  
Lymphangiectasis

Nasal cavity

Unspecified

Groin

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C01

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

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

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

---

**OBSERVATIONS**

Kidney		Mineralization
Liver		Hepatocellular Carcinoma
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Oral mucosa	Palate	Inflammation, Acute
Urinary bladder		Hemorrhage

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C02

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

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

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

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**OBSERVATIONS**

Kidney	Mineralization
Liver	Hepatocellular Adenoma
Nasal cavity	Foreign Material, Nos
Prostate	Hemorrhage
Thymus	Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C03

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Blood vessel	Aorta Nos	Inflammation, Acute
Esophagus	Periesophageal Tissue	Inflammation, Acute
Lung		Congestion, Nos
		Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C04

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

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

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

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**OBSERVATIONS**

Brain		Mineralization
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Preputial gland		Abscess, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Testis		Interstitial-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C05

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

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

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

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**OBSERVATIONS**

Liver		Hepatocellular Carcinoma
		Necrosis, Nos
Lung		Leukocytosis, Nos
Skin	Lip Nos	Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C06

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

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

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

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**OBSERVATIONS**

Brain	Mineralization
Kidney	Nephrosis, Nos
Liver	Hepatocellular Carcinoma
Lung	Foreign Material, Nos
Thyroid	Cyst, Follicular Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C07

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

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

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

---

**OBSERVATIONS**

Kidney  
Lung  
Nasal cavity

Mineralization  
Congestion, Nos  
Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C08

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

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

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

**OBSERVATIONS**

Brain		Mineralization
Epididymis		Mineralization
Intestine Small	Ileum, Ileum	Amyloidosis
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Focal Cellular Change
Thymus		Cyst, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Back	Fibroma

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C09

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Polyangiitis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C10

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

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

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

---

**OBSERVATIONS**

Brain		Mineralization
Kidney		Mineralization
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Foreign Material, Nos
Thymus		Necrosis, Nos
Unspecified	Multiple Organs Nos	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C11

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

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

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

**OBSERVATIONS**

Blood vessel		Mineralization
Brain		Mineralization
Harderian gland	Hardarian Gland	Papillary Adenoma
Kidney		Mineralization
Liver		Clear-Cell Change
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Nasal cavity		Foreign Material, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Dilatation, Nos
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C12

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

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

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

---

**OBSERVATIONS**

Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Prostate		Inflammation, Acute
Unspecified	Multiple Organs Nos	Necrosis, Nos
Urinary bladder		Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C13

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

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

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

---

**OBSERVATIONS**

Brain  
Kidney

Liver  
Lymph node  
Prostate  
Urinary bladder

Mesenteric Lymph Node

Mineralization  
Mineralization  
Pyelonephritis, Acute  
Necrosis, Nos  
Hemorrhage  
Inflammation, Acute  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C14

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

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

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

---

**OBSERVATIONS**

Liver		Hepatocellular Adenoma Hepatocellular Carcinoma
Lung		Foreign Material, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Salivary gland		Lymphocytic Inflammatory Infiltrate
Testis		Mineralization
Unspecified	Adipose Tissue	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C15

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

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

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

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**OBSERVATIONS**

Liver  
Penis  
Urinary bladder

Hepatocellular Carcinoma  
Inflammation, Acute  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C16

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

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

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

**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver  
Lung

Cortex Nos

Hypertrophy, Focal  
Mineralization  
Clear-Cell Change  
Congestion, Nos  
Hyperplasia, Alveolar Epithelium  
Hemorrhage  
Necrosis, Nos

Lymph node  
Thymus

Mesenteric Lymph Node

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C17

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

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

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

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**OBSERVATIONS**

Kidney  
Liver

Lung  
Prostate  
Seminal vesicle

Urinary bladder

Mineralization  
Clear-Cell Change  
Pigmentation, Nos  
Congestion, Nos  
Inflammation, Acute  
Dilatation, Nos  
Inflammation, Acute  
Inflammation, Acute

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C18

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Kidney  
Lymph node  
Thymus

Cortex Nos  
Hardarian Gland  
  
Mesenteric Lymph Node

Clear-Cell Change  
Papillary Adenoma  
Mineralization  
Hemorrhage  
Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C19

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Clear-Cell Change
Brain		Mineralization
Kidney		Cyst, Nos
Lung		Foreign Material, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C20

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

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

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

---

**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Kidney		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C21

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

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

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

---

**OBSERVATIONS**

Kidney	Hemorrhage
Liver	Cytoplasmic Vacuolization
Lung	Hemorrhage
Nasal cavity	Foreign Material, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C22

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

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

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

---

**OBSERVATIONS**

Brain  
Heart  
Salivary gland  
Thyroid

Cardiac Valve

Mineralization  
Pigmentation, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Follicular Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C23

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

**SEX:** Male  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Esophagus	Periesophageal Tissue	Inflammation, Acute
Lung		Congestion, Nos
	Pleura Nos	Inflammation, Acute
Nasal cavity		Foreign Material, Nos
Thymus		Atrophy, Nos
Unspecified		Abscess, Nos

---

**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C24

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

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Atrophy, Brown  
Cortical Adenoma

Brain

Mineralization

Stomach

Forestomach

Squamous Cell Papilloma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C25

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

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

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

**OBSERVATIONS**

Blood vessel		Inflammation, Granulomatous
Brain		Mineralization
Heart	Cardiac Valve	Hemosiderosis
Liver		Hemangiosarcoma
		Necrosis, Nos
Nasal cavity		Foreign Material, Nos
		Inflammation, Acute
Spleen		Hematopoiesis
Thymus		Cyst, Nos
Urinary bladder		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C26

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

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule

Atrophy, Brown  
Hyperplasia, Nos  
Mineralization

Brain

Liver

Lymph node

Mesenteric Lymph Node

Hepatocellular Adenoma  
Hemorrhage  
Squamous Cell Carcinoma, Metastatic  
Dilatation, Nos

Urinary bladder

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C27

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

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

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

**OBSERVATIONS**

Brain		Mineralization
Eye		Cataract
Kidney		Nephrosis, Hydro
		Nephrosis, Nos
Liver		Hepatocellular Carcinoma
Lung		Foreign Material, Nos
		Hepatocellular Carcinoma, Metastatic
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55696A

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Succinic anhydride

**CAS Number:** 108-30-5

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

**Time Report Requested:** 09:40:40

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

**Lab:** NA

---

**ANIMAL ID:** 3\_C28

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Lymph node

Unspecified

Mandibular Lymph Node

Multiple Organs Nos

Head

Mineralization

Mastocytosis

Hyperplasia, Lymphoid

Mastocytosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C29

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

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

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

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**OBSERVATIONS**

Kidney		Nephrosis, Nos
Liver		Cytoplasmic Change, Basophilic Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C30

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

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

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

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**OBSERVATIONS**

Heart  
Kidney  
Thymus

Cardiac Valve

Pigmentation, Nos  
Cyst, Nos  
Cyst, Nos  
Hyperplasia, Epithelial

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C31

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

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

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

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**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
		Mineralization
Kidney		Mineralization
Lung		Congestion, Nos
		Foreign Material, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Thymus		Necrosis, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C32

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Heart  
Liver  
Lung

Medulla  
Cardiac Valve

Hyperplasia, Nos  
Pigmentation, Nos  
Cytoplasmic Change, Basophilic  
Alveolar/Bronchiolar Adenoma  
Hyperplasia, Alveolar Epithelium

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C33

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

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

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

**OBSERVATIONS**

Brain  
Lymph node  
Salivary gland  
Seminal vesicle

Mesenteric Lymph Node

Testis  
Unspecified

Multiple Organs Nos

Mineralization  
Hemorrhage  
Amyloidosis  
Atrophy, Nos  
Inflammation, Acute  
Mineralization  
Lymphoma, Histiocytic-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C35

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

**SEX:** Male  
**DISP:** Dosing Accident

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

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lymph node  
Pancreas  
Unspecified

Capsule  
Mesenteric Lymph Node  
Acinus  
Mediastinum Nos

Hyperplasia, Nos  
Mineralization  
Hemorrhage  
Focal Cellular Change  
Foreign Material, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C36

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Harderian gland  
Liver  
Unspecified

Cortex Nos  
Hardarian Gland  
  
Multiple Organs Nos  
Multiple Organs Nos

Hypertrophy, Focal  
Papillary Adenoma  
Clear-Cell Change  
Hyperplasia, Lymphoid  
Inflammation, Granulomatous

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C37

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

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

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Atrophy, Brown
Brain		Mineralization
Kidney		Nephrosis, Hydro
Liver		Clear-Cell Change
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Acute
Testis		Spermatocoele

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C38

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

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

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

**OBSERVATIONS**

Brain		Mineralization
Harderian gland	Harderian Gland	Papillary Adenoma
Kidney		Cyst, Multiple
		Nephrosis, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Histiocytosis
Pancreas		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Abscess, Nos
Skin	Eyelid Nos	Inflammation, Acute/Chronic
Spleen		Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C39

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Kidney		Cyst, Nos
Liver		Clear-Cell Change
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Lymphocytic Inflammatory Infiltrate
Spleen		Hemangiosarcoma
Thymus		Cyst, Nos
Unspecified	Abdominal Cavity	Neoplasm, Nos, Uncertain Primary Or Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C40

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

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

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

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**OBSERVATIONS**

Brain		Mineralization
Liver		Islet-Cell Carcinoma, Metastatic
Lung		Foreign Material, Nos
Pancreas	Islets	Islet-Cell Carcinoma
Thyroid		Crystals, Nos
		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C41

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

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

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

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**OBSERVATIONS**

Kidney	Infarct, Nos
Liver	Hepatocellular Carcinoma
	Necrosis, Nos
Lung	Congestion, Nos
Seminal vesicle	Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C42

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

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

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

**OBSERVATIONS**

Heart	Ventricle	Necrosis, Hemorrhagic
Kidney		Mineralization
Liver		Hepatocytomegaly
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Acute
Seminal vesicle		Dilatation, Nos
		Inflammation, Acute
Testis		Edema, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C43

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

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

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

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**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Kidney		Nephrosis, Nos
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
		Inflammation, Acute
Skin		Squamous Cell Papilloma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C44

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

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

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

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**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Liver		Clear-Cell Change
Nasal cavity		Foreign Material, Nos
Testis		Atrophy, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_C45

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

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

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

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule  
Cortex Nos

Atrophy, Brown  
Hyperplasia, Nos  
Hyperplasia, Nos

Brain

Mineralization

Heart

Cardiac Valve

Pigmentation, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Lymph node

Mesenteric Lymph Node

Histiocytosis  
Hemorrhage

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C46

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

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

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

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**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Lymphocytic Inflammatory Infiltrate

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C47

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

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

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

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**OBSERVATIONS**

Brain  
Liver  
Lung  
Thymus

Mineralization  
Hepatocellular Adenoma  
Foreign Material, Nos  
Cyst, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C48

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

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

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

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**OBSERVATIONS**

Brain		Cytoplasmic Vacuolization
Harderian gland	Harderian Gland	Papillary Adenoma
Pancreas	Acinus	Focal Cellular Change

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_C49

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

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

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

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**OBSERVATIONS**

Brain		Mineralization
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Thyroid		Crystals, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55696A  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Succinic anhydride  
**CAS Number:** 108-30-5

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 09:40:40  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_C50

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Kidney  
Prostate  
Seminal vesicle  
Thymus

Cortex Nos

Hypertrophy, Focal  
Mineralization  
Mineralization  
Hemorrhage  
Dilatation, Nos  
Necrosis, Nos

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PRIMARY CAUSE OF DEATH

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