

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**C Number:** C55903

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Blood vessel  
Bone marrow  
Eye

Artery Nos

Inflammation, Nos  
Granuloma, Nos  
Cataract

Retina

Degeneration, Nos

Kidney  
Lung  
Lymph node  
Spleen  
Uterus

Nephropathy  
Hemorrhage  
Hyperplasia, Nos  
Hemosiderosis  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Pancreas

Islets

Nephropathy

Unspecified

Multiple Organs Nos

Islet-Cell Adenoma

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Mammary gland

Nephropathy

Pituitary gland

Anterior Pituitary

Cyst, Nos

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Adenoma, Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Harderian gland

Retina

Degeneration, Nos

Heart

Harderian Gland

Inflammation, Chronic Focal

Kidney

Fibrosis

Liver

Nephropathy

Inflammation, Chronic Focal

Spleen

Metamorphosis, Fatty

Unspecified

Adipose Tissue

Congestion, Nos

Uterus

Necrosis, Fat

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Spleen

Degeneration, Nos

Stomach

Hemosiderosis

Unspecified

Forestomach

Hyperplasia, Epithelial

Adipose Tissue

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Lymph node

Mammary gland

Nasal cavity

Pituitary gland

Spleen

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Neoplastic Nodule

Granuloma, Nos

Hyperplasia, Nos

Fibroadenoma

Hyperplasia, Nos

Metaplasia, Squamous

Adenoma, Nos

Hemosiderosis

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Intestine Large

Liver

Uterus

Retina

Cecum, Colon

Squamous Cell Carcinoma

Cataract

Degeneration, Nos

Edema, Nos

Granuloma, Nos

Hernia, Nos

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Retina

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lymph node

Histiocytosis

Mammary gland

Hyperplasia, Nos

Unspecified

Fibroma

Uterus

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Hemorrhage

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Spleen

Hemosiderosis

Thyroid

Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Pituitary gland

Nephropathy

Unspecified

Anterior Pituitary

Cyst, Nos

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Heart

Degeneration, Nos

Liver

Fibrosis

Mammary gland

Angiectasis

Spleen

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Fibrosis

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxy-psoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Esophagus

Periesophageal Tissue

Intestine Small

Lung

Mesentery Nos

Cyst, Nos

Abscess, Chronic

Perforation, Inflammatory

Necrosis, Fat

Congestion, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Pancreas

Pituitary gland

Retina

Acinus

Anterior Pituitary

Metaplasia, Squamous

Cataract

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Lymph node

Mammary gland

Pituitary gland

Spleen

Uterus

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Cyst, Nos

Fibroadenoma

Adenoma, Nos

Hemosiderosis

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Pituitary gland

Spleen

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Adenoma, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Calcification, Nos

Lymph node

Granuloma, Nos

Mammary gland

Hyperplasia, Nos

Oral mucosa

Palate Nos

Fibroadenoma

Uterus

Squamous Cell Papilloma

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Granuloma, Nos
Clitoral gland		Cyst, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Granuloma, Nos
Lymph node		Plasmacytosis
Mammary gland		Hyperplasia, Nos
Oral mucosa	Palate Nos	Inflammation, Active Chronic
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Dosing Accident

**HISTO:**

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**OBSERVATIONS**

Lung

Bronchus

Foreign Body, Nos

Inflammation, Acute

Lymph node

Hyperplasia, Nos

Unspecified

Adipose Tissue

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye

Retina

Cataract

Intestine Large

Cecum, Colon

Degeneration, Nos

Kidney

Erosion

Liver

Nephropathy

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Spleen

Cyst, Nos

Tongue

Metaplasia, Myeloid

Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone		Osteosclerosis
Clitoral gland		Cyst, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lymph node

Pituitary gland

Unspecified

Anterior Pituitary

Adipose Tissue

Cyst, Nos

Cataract

Nephropathy

Granuloma, Nos

Hemorrhage

Hyperplasia, Nos

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Calcification, Nos

Liver

Bile Duct

Hyperplasia, Nos

Ovary

Cyst, Nos

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified		Lipoma
	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Pituitary gland

Anterior Pituitary

Nephropathy

Skin

Hyperplasia, Nos

Uterus

Trichoepithelioma

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Retina

Kidney

Liver

Lung

Lymph node

Mammary gland

Ovary

Pituitary gland

Anterior Pituitary

Spleen

Thyroid

Unspecified

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Hemorrhage

Nephropathy

Granuloma, Nos

Congestion, Nos

Hyperplasia, Nos

Adenocarcinoma, Nos

Cyst, Nos

Adenoma, Nos

Hemosiderosis

C-Cell Adenoma

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Spleen

Nephropathy

Vagina

Hemosiderosis

Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Mammary gland

Spleen

Retina

Cyst, Nos

Cataract

Degeneration, Nos

Fibroadenoma

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Spleen

Adenoma, Nos

Uterus

Congestion, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Heart

Fibrosis

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Metamorphosis, Fatty

Lymph node

Hemosiderosis

Plasmacytosis

Pituitary gland

Anterior Pituitary

Hemorrhage

Thyroid

Hyperplasia, C Cell

Unspecified

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Glomerulosclerosis, Nos

Liver

Bile Duct

Hyperplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Coronary Artery Nos	Inflammation, Focal
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Nasal cavity		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Heart

Kidney

Liver

Spleen

Retina

Bile Duct

Cyst, Nos

Cataract

Degeneration, Nos

Fibrosis

Nephropathy

Hyperplasia, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone		Osteosclerosis
Eye		Cataract
	Retina	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Plasmacytosis
Nasal cavity		Metaplasia, Squamous
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Clitoral gland  
Eye

Cortex Nos

Metamorphosis, Fatty  
Cyst, Nos  
Cataract

Liver

Retina  
Bile Duct

Degeneration, Nos  
Hyperplasia, Nos  
Metamorphosis, Fatty

Pituitary gland  
Unspecified

Anterior Pituitary  
Multiple Organs Nos

Cyst, Nos  
Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Pituitary gland

Skin

Spleen

Unspecified

Retina

Anterior Pituitary

Anterior Pituitary

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Alveolar/Bronchiolar Adenoma

Adenoma, Nos

Cyst, Nos

Keratoacanthoma

Metaplasia, Myeloid

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Harderian gland	Harderian Gland	Granuloma, Nos
Kidney		Nephropathy
Mammary gland		Lactation
Nasal cavity		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Pituitary gland

Nephropathy

Thyroid

Anterior Pituitary

Cyst, Nos

Uterus

Cervix Uteri

Hyperplasia, C Cell

Endometrium

Cyst, Epidermal Inclusion

Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Atrophy, Nos
Clitoral gland		Cyst, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Harderian gland	Harderian Gland	Dilatation, Nos
Intestine Small	Ileum	Ulcer, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
		Metaplasia, Squamous
Thyroid		C-Cell Adenoma
Unspecified	Adipose Tissue	Necrosis, Fat
Vagina		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Harderian gland	Harderian Gland	Granuloma, Nos
Kidney		Nephropathy
Lung		Granuloma, Nos
Lymph node		Hemosiderosis
Nasal cavity		Inflammation, Acute
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat
Uterus	Cervix Uteri	Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Harderian gland	Harderian Gland	Cyst, Nos
Kidney		Nephropathy
Liver		Clear-Cell Change
		Granuloma, Nos
Lymph node		Hemosiderosis
Mammary gland		Fibroadenoma
Nasal cavity		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hemosiderosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Kidney

Lung

Thymus

Uterus

Cyst, Nos

Nephropathy

Alveolar/Bronchiolar Adenoma

Cyst, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Mammary gland

Degeneration, Nos

Ovary

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Nos

Thyroid

Cyst, Nos

Tongue

Cyst, Nos

Unspecified

Multiple Organs Nos

Hyperplasia, Epithelial

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone		Osteosclerosis
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hernia, Nos
Nasal cavity		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Cervix Uteri	Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Liver

Mammary gland

Oral mucosa

Pituitary gland

Spleen

Retina

Palate Nos

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Granuloma, Nos

Metamorphosis, Fatty

Hyperplasia, Nos

Squamous Cell Papilloma

Adenoma, Nos

Congestion, Nos

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Eye

Cortex Nos

Metamorphosis, Fatty  
Cataract

Retina

Degeneration, Nos  
Phthisis Bulbi

Kidney  
Lymph node  
Mammary gland  
Nasal cavity

Nephropathy  
Hyperplasia, Nos  
Fibroadenoma  
Inflammation, Chronic  
Metaplasia, Squamous

Pituitary gland  
Stomach  
Tongue  
Unspecified  
Uterus

Anterior Pituitary  
Forestomach

Adenoma, Nos  
Hyperplasia, Epithelial  
Squamous Cell Papilloma  
Necrosis, Fat  
Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 075.0 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Heart

Kidney

Ovary

Pituitary gland

Spleen

Uterus

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Inflammation, Chronic

Nephropathy

Cyst, Nos

Hyperplasia, Nos

Metaplasia, Myeloid

Endometrial Stromal Polyp

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Lymph node

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
		Granuloma, Nos
Lymph node		Histiocytosis
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Mammary gland

Nephropathy

Pituitary gland

Anterior Pituitary

Fibroadenoma

Spleen

Adenoma, Nos

Thyroid

Hemosiderosis

Uterus

C-Cell Adenoma

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Lymph node		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Hemorrhage
Spleen		Hemosiderosis
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Blood vessel	Uterine Vein	Thrombosis, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Lymph node		Histiocytosis
Mammary gland		Fibroadenoma
Ovary		Cyst, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Uterus	Cervix Uteri	Abscess, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Liver

Degeneration, Nos

Pituitary gland

Anterior Pituitary

Cytoplasmic Change, Basophilic

Uterus

Cyst, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
Liver		Metamorphosis, Fatty
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Pituitary gland

Skin

Retina

Anterior Pituitary

Lip Nos

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Cytoplasmic Change, Basophilic

Cyst, Nos

Basal-Cell Tumor

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Atrophy, Nos
Harderian gland	Hardarian Gland	Hyperplasia, Nos
Liver		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Ulcer, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Lung		Histiocytosis
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Leukemia, Mononuclear Cell
Thyroid		Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Ovary

Pituitary gland

Spleen

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Cyst, Nos

Adenoma, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Cataract

Retina

Degeneration, Nos

Liver

Metamorphosis, Fatty

Mammary gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Stomach

Forestomach

Ulcer, Nos

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Hyperplasia, C Cell

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Mammary gland

Spleen

Unspecified

Multiple Organs Nos

Adipose Tissue

Cyst, Nos

Cataract

Fibroadenoma

Hematoma, Nos

Leukemia, Mononuclear Cell

Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Mammary gland		Fibroadenoma
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Retina

Degeneration, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Nasal cavity

Cytoplasmic Change, Basophilic

Spleen

Hemorrhage

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Hemorrhage

Kidney

Nephropathy

Liver

Granuloma, Nos

Lymph node

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Granuloma, Nos

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Liver		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Liver		Granuloma, Nos
Lymph node		Histiocytosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Hernia, Nos
Lung		Granuloma, Nos
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Ulcer, Nos
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Harderian gland

Harderian Gland

Degeneration, Nos

Pituitary gland

Anterior Pituitary

Granuloma, Nos

Anterior Pituitary

Adenoma, Nos

Skin

Cyst, Nos

Spleen

Cyst, Epidermal Inclusion

Uterus

Hemosiderosis

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Adenoma, Nos

Eye

Cyst, Nos

Kidney

Retina

Cataract

Liver

Bile Duct

Degeneration, Nos

Lung

Bile Duct

Nephropathy

Pituitary gland

Anterior Pituitary

Pyelonephritis, Chronic

Thyroid

Dilatation, Nos

Hernia, Nos

Inflammation, Acute

Granuloma, Nos

Adenoma, Nos

C-Cell Carcinoma

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Mammary gland

Degeneration, Nos

Spleen

Fibroadenoma

Hemosiderosis

Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Clitoral gland

Adenoma, Nos

Eye

Retina

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Lymph node

Plasmacytosis

Spleen

Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Spleen

Hernia, Nos

Uterus

Hemosiderosis

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Liver		Granuloma, Nos
Pancreas	Acinus	Atrophy, Nos
Spleen		Metaplasia, Myeloid
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Lymph node		Granuloma, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Lung		Histiocytosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Kidney  
Liver  
Mammary gland

Nephropathy  
Hernia, Nos  
Fibroadenoma  
Hyperplasia, Nos

Pituitary gland  
Spleen  
Unspecified

Anterior Pituitary  
Adipose Tissue

Adenoma, Nos  
Hemosiderosis  
Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Metamorphosis, Fatty

Mammary gland

Necrosis, Nos

Ovary

Fibroadenoma

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Adenoma, Nos

Zymbal gland

Metaplasia, Myeloid

Carcinoma, Nos

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Adenoma, Nos

Eye

Cyst, Nos

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Lung

Histiocytosis

Lymph node

Hemosiderosis

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Metaplasia, Myeloid

Unspecified

Adipose Tissue

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Retina

Degeneration, Nos

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Kidney

Liver

Lymph node

Mammary gland

Pituitary gland

Thyroid

Uterus

Anterior Pituitary

Cyst, Nos

Nephropathy

Metamorphosis, Fatty

Hemosiderosis

Hyperplasia, Nos

Adenoma, Nos

C-Cell Adenoma

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Liver		Granuloma, Nos
		Hernia, Nos
Lymph node		Granuloma, Nos
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
Lymph node		Plasmacytosis
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus	Cervix Uteri	Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Thyroid

Granuloma, Nos

Uterus

Cervix Uteri

Hyperplasia, C Cell

Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Lung

Granuloma, Nos

Lymph node

Alveolar/Bronchiolar Adenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Spleen

Adenoma, Nos

Hemosiderosis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Pituitary gland

Spleen

Thyroid

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Fibroadenoma

Adenoma, Nos

Hemosiderosis

Metaplasia, Myeloid

Hyperplasia, C Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Metaplasia, Myeloid
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Ovary		Cyst, Nos
Spleen		Congestion, Nos
Unspecified	Adipose Tissue	Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Clitoral gland		Cyst, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lymph node		Histiocytosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
		Metaplasia, Myeloid
Thyroid		Hyperplasia, C Cell
Uterus	Cervix Uteri	Cyst, Epidermal Inclusion

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Lung		Atelectasis
Lymph node		Plasmacytosis
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Liver

Granuloma, Nos

Mammary gland

Adenocarcinoma, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Adenoma

Tongue

Hyperplasia, Epithelial

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Bile Duct

Nephropathy

Lymph node

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Uterus

Adenoma, Nos

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 037.5 MG/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Liver

Lung

Mammary gland

Pituitary gland

Thymus

Unspecified

Uterus

Retina

Bile Duct

Anterior Pituitary

Multiple Organs Nos

Adipose Tissue

Endometrium

Cyst, Nos

Cataract

Degeneration, Nos

Hyperplasia, Nos

Neoplastic Nodule

Granuloma, Nos

Fibroadenoma

Hyperplasia, Nos

Cyst, Nos

Thymoma, Benign

Leukemia, Mononuclear Cell

Necrosis, Fat

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Dosing Accident

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Liver

Lung

Mammary gland

Ovary

Pituitary gland

Spleen

Thyroid

Uterus

Retina

Bile Duct

Anterior Pituitary

Adenoma, Nos

Cataract

Degeneration, Nos

Hyperplasia, Nos

Granuloma, Nos

Hyperplasia, Nos

Cyst, Nos

Adenoma, Nos

Hemosiderosis

C-Cell Adenoma

Hyperplasia, C Cell

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Cecum, Colon	Necrosis, Nos
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_004

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Bone

Osteosclerosis

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Liver

Metamorphosis, Fatty

Lung

C-Cell Carcinoma, Metastatic

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Carcinoma

Uterus

Prolapse

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 3\_005

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Heart

Degeneration, Nos

Kidney

Fibrosis

Lung

Nephropathy

Mammary gland

Granuloma, Nos

Spleen

Fibroadenoma

Thyroid

Hemosiderosis

Uterus

Hyperplasia, C Cell

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_006

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Polyp
Zymbal gland		Carcinoma, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Pituitary gland

Spleen

Uterus

Retina

Bile Duct

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hyperplasia, Nos

Fibroadenoma

Hyperplasia, Nos

Hemosiderosis

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_008

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye	Retina	Degeneration, Nos
Liver		Leukemia, Mononuclear Cell
		Leukocytosis, Nos
Lymph node		Angiectasis
Nasal cavity		Infection, Fungal
Pituitary gland	Anterior Pituitary	Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_009

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Liver

Degeneration, Nos

Lung

Hernia, Nos

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Alveolar Epithelium

Uterus

Hemorrhage

Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_010

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Cataract

Liver

Retina

Degeneration, Nos

Lung

Bile Duct

Hyperplasia, Nos

Mammary gland

Granuloma, Nos

Nasal cavity

Hyperplasia, Nos

Pancreas

Acinus

Inflammation, Chronic

Spleen

Atrophy, Nos

Uterus

Cervix Uteri

Hemosiderosis

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Thyroid

Unspecified

Retina

Bile Duct

Anterior Pituitary

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Pneumonia, Interstitial Chronic

Hyperplasia, Nos

Adenoma, Nos

Hemosiderosis

Metaplasia, Myeloid

Hyperplasia, C Cell

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_012

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Clitoral gland

Medulla

Pheochromocytoma  
Abscess, Nos  
Cyst, Nos

Eye

Retina

Cataract  
Degeneration, Nos

Kidney

Nephropathy

Liver

Hernia, Nos

Lung

Histiocytosis

Lymph node

Submandibular Lymph Node

Plasmacytosis

Mammary gland

Hyperplasia, Nos

Ovary

Cyst, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Hemosiderosis

Thyroid

Metaplasia, Myeloid  
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Hemorrhage
Ear		Abscess, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Liver		Necrosis, Nos
Lung		Histiocytosis
Lymph node		Plasmacytosis
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp
Zymbal gland		Carcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_014

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow  
Clitoral gland  
Eye

Retina

Heart  
Kidney

Liver  
Lung

Unspecified

Bile Duct

Adipose Tissue

Hypoplasia, Nos  
Cyst, Nos  
Cataract  
Degeneration, Nos  
Fibrosis  
Calcification, Nos  
Hyperplasia, Nos  
Histiocytosis  
Necrosis, Fat

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Lung

Pancreas

Pituitary gland

Thyroid

Unspecified

Uterus

Retina

Acinus

Anterior Pituitary

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Calcification, Nos

Nephropathy

Alveolar/Bronchiolar Adenoma

Atrophy, Nos

Adenoma, Nos

Hyperplasia, C Cell

Necrosis, Fat

Cyst, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_016

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Lung

Spleen

Thyroid

Uterus

Retina

Bile Duct

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Hyperplasia, Nos

Metamorphosis, Fatty

Granuloma, Nos

Hemosiderosis

Metaplasia, Myeloid

C-Cell Adenoma

Endometrial Stromal Polyp

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PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_017

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveolar/Bronchiolar Adenoma

Lymph node

Plasmacytosis

Mammary gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Unspecified

Adipose Tissue

Necrosis, Fat

Uterus

Hydrometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_018

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Bone marrow

Eye

Heart

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Uterus

Retina

Bile Duct

Anterior Pituitary

Hypoplasia, Nos

Cataract

Degeneration, Nos

Fibrosis

Nephropathy

Congestion, Nos

Hyperplasia, Nos

Congestion, Nos

Hyperplasia, Nos

Adenoma, Nos

Hemosiderosis

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_019

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Pituitary gland

Spleen

Retina

Anterior Pituitary

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Adenoma, Nos

Hemosiderosis

Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

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**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis
		Infarct, Acute
Kidney		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Leukemia, Mononuclear Cell
Unspecified	Adipose Tissue	Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

---

**ANIMAL ID:** 3\_021

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Pituitary gland  
Thyroid  
Urinary bladder

Anterior Pituitary

Cyst, Nos  
Hyperplasia, C Cell  
Edema, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hypoplasia, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:32

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

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Adenoma, Nos
		Inflammation, Acute
Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis, Focal
Kidney		Nephropathy
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node	Renal Lymph Node	Granuloma, Nos
	Submandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Nos
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone		Osteosclerosis
Eye		Cataract
	Retina	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Hyperplasia, Alveolar Epithelium
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hemosiderosis
		Metaplasia, Myeloid
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_025

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Spleen

Bile Duct

Hyperplasia, Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

---

**ANIMAL ID:** 3\_026

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Eye

Retina

Kidney

Liver

Lung

Bile Duct

Mammary gland

Spleen

Hypoplasia, Nos

Cataract

Degeneration, Nos

Hemorrhage

Nephropathy

Hyperplasia, Nos

Congestion, Nos

Granuloma, Nos

Fibroadenoma

Hemosiderosis

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

---

**ANIMAL ID:** 3\_027

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Peliosis Hepatis
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
		Granuloma, Nos
Lymph node		Plasmacytosis
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Adipose Tissue	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Adenoma, Nos Congestion, Nos
Clitoral gland		Cyst, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Cecum, Colon	Edema, Nos
Kidney		Nephropathy
Lymph node		Plasmacytosis
Ovary		Cyst, Nos
Pancreas		Edema, Nos
Stomach		Edema, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Edema, Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_030

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Clitoral gland

Eye

Liver

Retina

Lung

Pituitary gland

Spleen

Uterus

Anterior Pituitary

Infarct, Nos

Cyst, Nos

Degeneration, Nos

Cytoplasmic Change, Basophilic

Infarct, Focal

Alveolar/Bronchiolar Adenoma

Adenoma, Nos

Metaplasia, Myeloid

Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_031

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Degeneration, Nos

Liver

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Nos

Thyroid

C-Cell Adenoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_032

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Adenoma, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Hemosiderosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Metaplasia, Myeloid
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
		Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_033

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone

Osteosclerosis

Eye

Cataract

Retina

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Spleen

Hemosiderosis

Metaplasia, Myeloid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_034

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Liver

Degeneration, Nos

Mammary gland

Granuloma, Nos

Hernia, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Hyperplasia, Nos

Spleen

Adenoma, Nos

Uterus

Hemosiderosis

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
		Granuloma, Nos
		Leukemia, Mononuclear Cell
Mammary gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Metaplasia, Myeloid
Thyroid		Hyperplasia, C Cell
Uterus	Cervix Uteri	Cyst, Epidermal Inclusion
		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_036

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Eye		Cataract
Kidney		Nephropathy
Liver		Peliosis Hepatis
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hemosiderosis
Unspecified	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow

Eye

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Uterus

Retina

Bile Duct

Anterior Pituitary

Hypoplasia, Nos

Cataract

Degeneration, Nos

Nephropathy

Granuloma, Nos

Hernia, Nos

Hyperplasia, Nos

Metamorphosis, Fatty

Granuloma, Nos

Fibroadenoma

Hyperplasia, Nos

Adenoma, Nos

Hemosiderosis

Metaplasia, Myeloid

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_038

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Eye		Cataract
	Retina	Degeneration, Nos
Kidney		Nephropathy
Liver		Granuloma, Nos
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Lymph node		Hyperplasia, Nos
Mammary gland		Hyperplasia, Nos
Ovary		Cyst, Nos
Spleen		Leukemia, Mononuclear Cell
Thyroid		C-Cell Adenoma
Unspecified		Fibroma
	Adipose Tissue	Necrosis, Fat
Uterus		Cyst, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Pancreas

Skin

Spleen

Thyroid

Unspecified

Retina

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Hernia, Nos

Hyperplasia, Nos

Acinar-Cell Adenoma

Erosion

Hemosiderosis

Hyperplasia, C Cell

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland		Adenoma, Nos
Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Histiocytosis
		Metaplasia, Osseous
Lymph node		Granuloma, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Fat
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone		Osteosclerosis
Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Granuloma, Nos
Lymph node		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hemosiderosis
		Metaplasia, Myeloid
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_042

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Pheochromocytoma

Clitoral gland

Cyst, Nos

Eye

Cataract

Retina

Degeneration, Nos

Mammary gland

Adenocarcinoma, Nos

Fibroadenoma

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Adenoma, Nos

Eye

Cataract

Retina

Degeneration, Nos

Heart

Fibrosis

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Fibroadenoma

Pancreas

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Acinar-Cell Adenoma

Spleen

Adenoma, Nos

Hemosiderosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
	Retina	Degeneration, Nos
Heart		Fibrosis
Kidney		Nephropathy
Lymph node	Submandibular Lymph Node	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Skin	Ear	Squamous Cell Papilloma
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Pyometra

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Cecum, Colon	Edema, Nos
	Cecum, Colon	Hematoma, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Chronic
	Forestomach	Ulcer, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_046

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Lung

Nephropathy

Mammary gland

Granuloma, Nos

Pituitary gland

Anterior Pituitary

Fibroadenoma

Hyperplasia, Nos

Anterior Pituitary

Adenoma, Nos

Tongue

Cyst, Nos

Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Pituitary gland

Spleen

Thyroid

Unspecified

Retina

Anterior Pituitary

Adipose Tissue

Cyst, Nos

Cataract

Degeneration, Nos

Nephropathy

Hernia, Nos

Fibroadenoma

Hyperplasia, Nos

Adenoma, Nos

Hemosiderosis

Metaplasia, Myeloid

Hyperplasia, C Cell

Necrosis, Fat

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_048

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Eye

Cataract

Retina

Degeneration, Nos

Heart

Fibrosis, Focal

Kidney

Nephropathy

Liver

Hernia, Nos

Lung

Granuloma, Nos

Mammary gland

Fibroadenoma

Pancreas

Acinus

Atrophy, Nos

Spleen

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Pancreas

Bile Duct

Hyperplasia, Nos

Unspecified

Acinus

Atrophy, Nos

Multiple Organs Nos

Leukemia, Mononuclear Cell

Adipose Tissue

Necrosis, Fat

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C55903

**Test Type:** Long-Term

**Route:** Gavage

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 8-Methoxypsoralen

**CAS Number:** 298-81-7

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

**Time Report Requested:** 13:45:33

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

**Lab:** NA

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**ANIMAL ID:** 3\_050

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Eye

Retina

Cataract

Kidney

Degeneration, Nos

Liver

Nephropathy

Lung

Metaplasia, Myeloid

Pituitary gland

Anterior Pituitary

Granuloma, Nos

Spleen

Adenoma, Nos

Thyroid

Fibrosis

Uterus

Myeloproliferative Disorder

C-Cell Adenoma

Endometrial Stromal Polyp

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PRIMARY CAUSE OF DEATH

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

\* PROTOCOL REQUIRED TISSUE