

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**C Number:** C56473

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_051

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Angiectasis
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Pelvis	Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_052

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Eye	Cornea	Inflammation, Active Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Forestomach	Hyperkeratosis
Thyroid		Hyperplasia, C Cell
Zymbal gland		Squamous Cell Carcinoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_053

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Pheochromocytoma
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_054

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Clitoral gland		Adenoma, Nos Inflammation, Suppurative
Kidney	Tubule	Mineralization Nephropathy
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos Necrosis, Nos
Lung		Hemorrhage
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos Multiple Organs Nos	Inflammation, Chronic Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_055

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
		Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_056

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_057

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Cyst, Embryonal Duct
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_058

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Bone	Femur	Fibrous Osteodystrophy
Clitoral gland		Carcinoma, Nos
		Inflammation, Active Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Uterus		Endometrial Stromal Polyp
		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_059

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Angiectasis Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_060

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nos Pigmentation, Nos
Brain		Malacia
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos Cytoplasmic Change, Eosinophilic Focal Cellular Change Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_061

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Hyperplasia, Granulocytic
Eye	Cornea	Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
		Metamorphosis, Fatty
Lymph node	Iliac Lymph Node	Endometrial Stromal Sarcoma, Metastatic
Mammary gland		Hyperplasia, Cystic
Pancreas		Endometrial Stromal Sarcoma, Metastatic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Uterus		Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_062

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Bronchopneumonia, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_063

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule  Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Granuloma, Nos Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

**ANIMAL ID:** 1\_064

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Ovary		Angiectasis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		C-Cell Carcinoma
		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_065

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Pheochromocytoma Pigmentation, Nos Inflammation, Chronic Nephropathy
Heart		
Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Fibroadenoma Hyperplasia, Cystic Inflammation, Acute
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_066

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
Lung		Mineralization
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_067

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Ganglioneuroma Mineralization
Heart	Cortex Nos	Pigmentation, Nos Inflammation, Chronic
Kidney	Atrium	Thrombosis, Nos Congestion, Nos
Liver	Tubule	Mineralization Congestion, Nos Focal Cellular Change
	Centrilobular	Inflammation, Acute
	Periportal	Inflammation, Chronic Necrosis, Nos
Mammary gland		Fibroadenoma
Skeletal muscle		Sarcoma, Nos, Invasive
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified		Sarcoma, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_068

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
	Pelvis	Transitional-Cell Carcinoma
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Follicles	Atrophy, Nos
		Pigmentation, Nos
Stomach	Glandular Stomach	Mineralization
Thyroid		Cyst, Embryonal Duct
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_069

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Adenoma, Nos
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_070

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Tubule	Pigmentation, Nos Accessory Structure Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic Fibroadenoma Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus	Angiectasis
Pituitary gland	Anterior Pituitary Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_071

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Infarct, Healed Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Accessory Structure Focal Cellular Change
Lung	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic Histiocytosis Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Decidual Alteration, Nos Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_072

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_073

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Infarct, Healed
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Adenocarcinoma, Nos
		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
		Nonchromaffin Paraganglioma
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_074

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Brain		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Hyperkeratosis
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 1\_075

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_076

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_077

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
		Mineralization
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Uterus		Dilatation, Nos
Zymbal gland		Carcinoma, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_078

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Cortex Nos

Metamorphosis, Fatty

Heart

Pigmentation, Nos

Kidney

Pelvis

Inflammation, Chronic

Tubule

Hemorrhage

Tubule

Mineralization

Liver

Nephropathy

Pigmentation, Nos

Accessory Structure

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Periportal

Inflammation, Chronic

Mammary gland

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Follicles

Atrophy, Nos

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Thymus

Degeneration, Cystic

Thyroid

Cyst, Embryonal Duct

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_079

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_080

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hemorrhage
		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_081

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Astrocytoma
Clitoral gland		Carcinoma, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_082

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_083

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic Neoplastic Nodule
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_084

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 1\_085

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos  
Tubule

Hyperplasia, Nos  
Mineralization  
Nephropathy  
Focal Cellular Change

Liver  
Mammary gland  
Pituitary gland

Anterior Pituitary  
Anterior Pituitary  
Anterior Pituitary

Fibroadenoma  
Angiectasis  
Cyst, Nos  
Hyperplasia, Nos

Spleen  
Stomach  
Unspecified

Glandular Stomach  
Multiple Organs Nos  
Multiple Organs Nos

Hematopoiesis  
Degeneration, Cystic  
Inflammation, Chronic  
Pigmentation, Nos  
Endometrial Stromal Polyp

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Uterus

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_086

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Infarct, Healed
		Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_087

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Abscess, Nos
	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Hyperplasia, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus		Endometrial Stromal Polyp
		Inflammation, Acute

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_088

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Infarct, Healed
	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_089

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Neoplastic Nodule
Lung		Histiocytosis
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Interstitial Chronic
Mammary gland		Adenocarcinoma, Nos
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_090

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_091

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Focal
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Accessory Structure
		Focal Cellular Change
Mammary gland	Bile Duct	Hyperplasia, Nos
		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_092

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_093

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Brain		Atrophy, Pressure
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver		Focal Cellular Change
Lung	Periportal	Inflammation, Chronic
Lymph node		Congestion, Nos
Mammary gland	Mandibular Lymph Node	Hemosiderosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Cystic Adenocarcinoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_094

**TRT#:** 1  
**DOSE:** 50000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos Focal Cellular Change
Liver	Bile Duct	Hyperplasia, Nos Hyperplasia, Cystic
Mammary gland	Acinus	Atrophy, Nos
Pancreas	Anterior Pituitary	Adenoma, Nos
Pituitary gland		Inflammation, Chronic
Salivary gland		Hematopoiesis
Spleen		Degeneration, Cystic
Stomach	Glandular Stomach	Cyst, Embryonal Duct
Thymus		Hyperplasia, C Cell
Thyroid		Leukemia, Mononuclear Cell
Unspecified	Multiple Organs Nos	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_095

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Retinopathy
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_096

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
		Hematopoiesis
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1\_097

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Infarct, Healed
		Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp
		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_098

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 1\_099

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Fibrosis Infarct, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_100

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 50000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nos Pigmentation, Nos
Brain		Adenocarcinoma, Nos, Invasive
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change Granuloma, Nos
Mammary gland	Periportal	Inflammation, Chronic Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Thyroid		C-Cell Adenoma
Uterus		Mineralization Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Skin		Hyperkeratosis
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Cyst, Nos
	Mandibular Lymph Node	Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Salivary gland		Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_006

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma
Unspecified	Mediastinum Nos	Steatitis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_007

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Carcinoma, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_010

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Cortex Nos

Pigmentation, Nos

Kidney

Hemorrhage

Tubule

Mineralization

Liver

Tubule

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Periportal

Inflammation, Chronic

Metamorphosis, Fatty

Lung

Bronchopneumonia, Acute

Spleen

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Inflammation, Acute

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematoma, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland

Cortex Nos

Cortical Adenoma

Heart

Cortex Nos

Metamorphosis, Fatty

Kidney

Tubule

Pigmentation, Nos

Inflammation, Chronic

Liver

Tubule

Mineralization

Nephropathy

Pigmentation, Nos

Lymph node

Bile Duct

Focal Cellular Change

Mammary gland

Mandibular Lymph Node

Hyperplasia, Nos

Hemosiderosis

Hyperplasia, Cystic

Pituitary gland

Anterior Pituitary

Inflammation, Acute

Adenoma, Nos

Spleen

Follicles

Atrophy, Nos

Hematopoiesis

Pigmentation, Nos

Stomach

Glandular Stomach

Degeneration, Cystic

Thymus

Cyst, Embryonal Duct

Thyroid

Cystic Follicles

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cyst, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Histiocytosis Pneumonia, Interstitial Chronic
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Thyroid		C-Cell Carcinoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla  
Cortex Nos  
Cortex Nos

Cortical Adenoma  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pigmentation, Nos  
Inflammation, Chronic

Heart

Kidney

Tubule

Mineralization  
Nephropathy

Liver

Tubule

Pigmentation, Nos  
Focal Cellular Change  
Granuloma, Nos

Bile Duct  
Periportal

Hyperplasia, Nos  
Inflammation, Chronic  
Hyperplasia, Cystic

Mammary gland

Pituitary gland

Spleen

Anterior Pituitary

Adenoma, Nos  
Hematopoiesis  
Pigmentation, Nos

Stomach

Thyroid

Glandular Stomach

Degeneration, Cystic  
C-Cell Adenoma  
Follicular-Cell Carcinoma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_019

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Salivary gland		Inflammation, Chronic
Spleen	Follicles	Atrophy, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_022

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Cortex Nos

Pigmentation, Nos  
Nephropathy

Liver  
Lung

Tubule

Pigmentation, Nos  
Metamorphosis, Fatty  
Hemorrhage

Spleen

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty Necrosis, Nos Regeneration, Nos
Lung		Hemorrhage Histiocytosis Pneumonia, Interstitial Chronic
Lymph node	Thoracic Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Acute
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Calculus, Microscopic Examination

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Carcinoma, Nos
		Inflammation, Active Chronic
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Necrosis, Fat
	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Bile Stasis
		Focal Cellular Change
		Granuloma, Nos
Lymph node	Periportal	Inflammation, Chronic
	Mandibular Lymph Node	Hemosiderosis
	Mesenteric Lymph Node	Hemosiderosis
	Mesenteric Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
		Galactocele
		Hyperplasia, Cystic
		Mineralization
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_028

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Blood vessel	Pulmonary Vein Nos	Mineralization
Clitoral gland		Adenoma, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus	Inflammation, Chronic
Salivary gland		Hematopoiesis
Spleen		Degeneration, Cystic
Stomach	Glandular Stomach	Cyst, Embryonal Duct
Thymus		Hyperplasia, C Cell
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Brain		Adenocarcinoma, Nos, Invasive
Clitoral gland		Inflammation, Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis Tubule	Inflammation, Acute Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Accessory Structure Focal Cellular Change
	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Adenocarcinoma, Nos Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Hemorrhage Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Angiectasis
Skin		Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Duodenum	Adenoma, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Glandular Stomach	Hyperplasia, Epithelial
Thymus		Cyst, Embryonal Duct

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Cyst, Nos
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_036

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Brain		Adenocarcinoma, Nos, Invasive
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hemorrhage
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_038

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hypertrophy, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Spleen		Hematoma, Nos Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Uterus		Endometrial Stromal Sarcoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Sarcoma, Nos
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_041

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Cortex Nos

Pigmentation, Nos

Heart

Inflammation, Chronic

Kidney

Tubule

Mineralization

Tubule

Pigmentation, Nos

Liver

Focal Cellular Change

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Pigmentation, Nos

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_042

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Kidney	Cortex Nos Tubule	Pigmentation, Nos Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change Granuloma, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:08  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 25000 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Clitoral gland		Hyperplasia, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Acinus	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Hypertrophy, Focal
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
		Inflammation, Acute
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 25000 PPM

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cortical Adenoma Hyperplasia, Nos Hyperplasia, Nos Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Accessory Structure Focal Cellular Change Granuloma, Nos
	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Carcinoma Hyperplasia, C Cell
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Inflammation, Active Chronic
Clitoral gland		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Lung		Cholesterol Deposit
		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2\_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Accessory Structure Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland	Periportal	Inflammation, Chronic Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_101

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Hemorrhage
		Retinopathy
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Carcinoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 3\_102

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
		Focal Cellular Change
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
		Mineralization
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Mineralization

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_103

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Eye	Sclera	Cataract
		Mineralization
		Retinopathy
Harderian gland	Harderian Gland	Inflammation, Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Nuclear Alteration
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_104

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 3\_105

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Uterus	Endometrium	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_106

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Brain		Malacia
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_107

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Hemorrhagic
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Cystic Ducts
Skin	Tail	Acanthosis
	Tail	Hyperkeratosis
	Tail	Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified		Teratoma, Benign
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_108

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Necrosis, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_109

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hemorrhage
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Atrophy, Nos
Spleen	Capsule	Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_110

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Cortex Nos

Hyperplasia, Nos

Cortex Nos

Metamorphosis, Fatty

Intestine Small

Mesentery Nos

Pigmentation, Nos

Kidney

Tubule

Steatitis

Liver

Tubule

Mineralization

Nephropathy

Pigmentation, Nos

Focal Cellular Change

Granuloma, Nos

Bile Duct

Hyperplasia, Nos

Periportal

Inflammation, Chronic

Necrosis, Nos

Mammary gland

Fibroadenoma

Hyperplasia, Cystic

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Salivary gland

Cystic Ducts

Spleen

Hematopoiesis

Pigmentation, Nos

Stomach

Glandular Stomach

Degeneration, Cystic

Thyroid

C-Cell Adenoma

Hyperplasia, C Cell

Uterus

Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:08

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

**Lab:** NA

**ANIMAL ID:** 3\_111

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Multiple
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_112

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Hyperplasia, Nos Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach Fundus	Degeneration, Cystic Hyperkeratosis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_113

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Artery Nos	Mineralization
Brain		Atrophy, Pressure
		Malacia
Intestine Large	Colon	Abscess, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Adenoma, Nos
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Ulcer, Chronic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_114

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
		Inflammation, Chronic
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
Lung		Congestion, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Congestion, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_115

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_116

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_117

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
Clitoral gland		Adenoma, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
		Hematopoiesis
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_118

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Clitoral gland		Carcinoma, Nos Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule  Tubule	Mineralization Nephropathy Pigmentation, Nos
Liver	Bile Duct Periportal	Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Histiocytosis Hyperplasia, Alveolar Epithelium Pneumonia, Interstitial Chronic
Lymph node	Thoracic Lymph Node	Hemosiderosis
Mammary gland		Fibroadenoma Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Cystic Ducts Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:09  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_119

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Metamorphosis, Fatty Necrosis, Nos
Mammary gland		Regeneration, Nos
Stomach	Glandular Stomach	Hyperplasia, Cystic
Unspecified	Multiple Organs Nos	Degeneration, Cystic
Uterus	Endometrium	Leukemia, Mononuclear Cell Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_120

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
Heart		Pigmentation, Nos
Intestine Small	Mesentery Nos	Inflammation, Chronic
Kidney	Tubule	Steatitis
		Mineralization
	Tubule	Nephropathy
Liver		Pigmentation, Nos
		Accessory Structure
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_121

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
		Neoplastic Nodule
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:09  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_122

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

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_123

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Cyst, Nos
	Cortex Nos	Pigmentation, Nos
Bone marrow		Hyperplasia, Reticulum Cell
Clitoral gland		Adenoma, Nos
		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_124

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_125

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Bone marrow		Hyperplasia, Megakaryocytic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Hyperplasia, Reticulum Cell
Stomach	Glandular Stomach	Pigmentation, Nos
Thymus		Degeneration, Cystic
Thyroid		Cyst, Embryonal Duct
		C-Cell Adenoma
		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_126

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_127

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Brain		Malacia
Eye		Cataract
		Retinopathy
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

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<b>ANIMAL ID:</b> 3_128	<b>TRT#:</b> 3 <b>DOSE:</b> 0	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> <b>HISTO:</b>
<hr/>			
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos	Pigmentation, Nos	
Clitoral gland		Carcinoma, Nos	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization	
		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver		Focal Cellular Change	
		Granuloma, Nos	
	Bile Duct	Hyperplasia, Nos	
	Periportal	Inflammation, Chronic	
Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytosis	
		Pneumonia, Interstitial Chronic	
Lymph node	Mandibular Lymph Node	Hemosiderosis	
Mammary gland		Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thyroid		Follicular-Cell Adenoma	
		Hyperplasia, C Cell	
<hr/>			
PRIMARY CAUSE OF DEATH	-		
<hr/>			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_129	TRT#: 3 DOSE: 0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Hyperplasia, Nos Metamorphosis, Fatty Pigmentation, Nos	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization Nephropathy	
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic	
Mammary gland		Fibroadenoma Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thymus		Cyst, Embryonal Duct	
Thyroid		Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130	TRT#: 3 DOSE: 0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos	Pigmentation, Nos	
Brain		Atrophy, Pressure	
Heart		Inflammation, Chronic	
Kidney	Tubule	Adenocarcinoma, Nos	
		Mineralization	
		Nephropathy	
Liver	Tubule	Pigmentation, Nos	
		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
	Periportal	Inflammation, Chronic	
Mammary gland		Adenocarcinoma, Nos	
		Fibroadenoma	
		Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos	
	Anterior Pituitary	Adenoma, Nos	
Salivary gland		Atrophy, Nos	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thyroid		Hyperplasia, C Cell	
Uterus		Endometrial Stromal Polyp	
	Endometrium	Hyperplasia, Cystic	
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_131

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Retinopathy
Harderian gland	Hardarian Gland	Inflammation, Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Hydrometra

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_132

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Hemorrhage
	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:09  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_133

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

**SEX:** Female  
**DISP:** Terminal Sacrifice

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

**OBSERVATIONS**

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_134

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
Mammary gland		Hyperplasia, Cystic
Ovary		Luteoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_135

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Carcinoma, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Lung		Histiocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_136

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Nos
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137	TRT#: 3 DOSE: 0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Hyperplasia, Nos Pigmentation, Nos	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization Nephropathy	
Liver	Tubule  Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Granuloma, Nos Hyperplasia, Nos Inflammation, Chronic	
Mammary gland		Fibroadenoma Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos	
Salivary gland		Atrophy, Nos Inflammation, Chronic	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thymus		Cyst, Embryonal Duct	
Thyroid		C-Cell Adenoma Hyperplasia, C Cell	
Uterus	Endometrium	Hyperplasia, Cystic	
PRIMARY CAUSE OF DEATH -			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_138

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart		Neurofibrosarcoma
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Multiple Organs Nos	Pigmentation, Nos
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_139

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

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**ANIMAL ID:** 3\_140

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Heart  
Kidney

Cortex Nos

Pigmentation, Nos  
Inflammation, Chronic  
Nephropathy

Liver  
Pituitary gland  
Spleen

Tubule  
Bile Duct  
Anterior Pituitary

Pigmentation, Nos  
Hyperplasia, Nos  
Cyst, Nos

Stomach  
Thyroid

Glandular Stomach

Pigmentation, Nos  
Degeneration, Cystic  
Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473  
**Test Type:** Long-Term  
**Route:** Dosed-Feed  
**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Oxytetracycline hydrochloride  
**CAS Number:** 2058-46-0

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 15:44:09  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_141

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

**SEX:** Female  
**DISP:** Moribund Sacrifice

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

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Calculus, Microscopic Examination
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Hemorrhage
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Spleen	Follicles	Atrophy, Nos
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		C-Cell Adenoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_142

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_143

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hematopoiesis
		Hyperplasia, Nos
		Neoplastic Nodule
Lymph node		Congestion, Nos
		Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Fibroadenoma
		Hyperplasia, Cystic
Ovary		Cyst, Parovarian
Pancreas		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Multiple
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_144

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos Cortex Nos	Hyperplasia, Nos Metamorphosis, Fatty
Brain		Adenocarcinoma, Nos, Invasive
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver		Focal Cellular Change Granuloma, Nos Hyperplasia, Nos
	Bile Duct Periportal	Inflammation, Chronic Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic Cyst, Embryonal Duct
Thymus		Hyperplasia, C Cell
Thyroid		Pigmentation, Nos
Unspecified	Multiple Organs Nos	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_145	TRT#: 3 DOSE: 0	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
<b>OBSERVATIONS</b>			
Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos	
Kidney	Tubule  Tubule	Mineralization Nephropathy Pigmentation, Nos	
Liver		Focal Cellular Change	
Lung		Histiocytosis Hyperplasia, Alveolar Epithelium Pneumonia, Interstitial Chronic	
Mammary gland		Fibroadenoma Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos	
Salivary gland		Atrophy, Nos Cystic Ducts	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos Multiple Organs Nos	Hyperplasia, Nos Inflammation, Chronic	
<b>PRIMARY CAUSE OF DEATH</b>			
-			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_146

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Hyperplasia, Alveolar Epithelium
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_147

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Steatitis
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Granuloma, Nos
Skin	Lip Nos	Keratoacanthoma
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C56473

**Test Type:** Long-Term

**Route:** Dosed-Feed

**Species/Strain:** Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Oxytetracycline hydrochloride

**CAS Number:** 2058-46-0

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

**Time Report Requested:** 15:44:09

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

**Lab:** NA

**ANIMAL ID:** 3\_148

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Pigmentation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_149

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla  
Cortex Nos  
Medulla  
Cortex Nos

Cortical Adenoma  
Hyperplasia, Nos  
Metamorphosis, Fatty  
Pheochromocytoma  
Pigmentation, Nos  
Inflammation, Chronic

Heart

Kidney

Tubule

Mineralization  
Nephropathy

Liver

Tubule  
  
Bile Duct  
Periportal

Pigmentation, Nos  
Focal Cellular Change  
Granuloma, Nos  
Hyperplasia, Nos  
Inflammation, Chronic

Lung

Mammary gland

Pancreas

Pituitary gland

Acinus  
Anterior Pituitary  
Anterior Pituitary

Histiocytosis  
Hyperplasia, Cystic  
Atrophy, Nos  
Cyst, Nos  
Hyperplasia, Nos

Spleen

Hematopoiesis  
Pigmentation, Nos

Stomach

Thymus

Thyroid

Glandular Stomach

Degeneration, Cystic  
Cyst, Embryonal Duct  
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: C56473

Test Type: Long-Term

Route: Dosed-Feed

Species/Strain: Rat/F344

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Oxytetracycline hydrochloride

CAS Number: 2058-46-0

Date Report Requested: 10/26/2014

Time Report Requested: 15:44:09

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3\_150

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Periportal	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Edema, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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

\* PROTOCOL REQUIRED TISSUE