

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: 14:39:24

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: Male

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_051

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 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
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_052

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cytomegaly
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Prostate		Inflammation, Active Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Pigmentation, 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_053

TRT#: 1

SEX: Male

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		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_054

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pituitary gland	Intermedia Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma Hyperplasia, C Cell Mineralization

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_055

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell 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: 14:39:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_056

TRT#: 1
DOSE: 50000 PPM

SEX: Male
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
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Hyperplasia, C Cell
		Mineralization

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_057

TRT#: 1

SEX: Male

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 Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos Cystic Ducts
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization Hyperplasia, C 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_058

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Cortical Adenoma Metamorphosis, Fatty Pheochromocytoma 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		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos Dilatation, Ducts
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Forestomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
Thyroid		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_059

TRT#: 1

SEX: Male

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
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_060

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Cortex	Infarct, Healed
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_061

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach Forestomach	Degeneration, Cystic Ulcer, Acute
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization C-Cell Adenoma Cystic Follicles

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_062

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver		Congenital Malformation, Nos Focal Cellular Change
	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach Forestomach	Degeneration, Cystic Inflammation, Active Chronic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_063

TRT#: 1

SEX: Male

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
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
	Scrotum Nos	Inflammation, Active Chronic
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
Unspecified		Fibroma
		Neurofibroma

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_064

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Epididymis		Inflammation, Active Chronic
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hemorrhage
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Necrosis, Nos
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Hemorrhage

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_065

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Tubule Periportal	Pigmentation, Nos Inflammation, Chronic Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Multiple Hyperplasia, Nos
Stomach	Glandular Stomach Forestomach	Degeneration, Cystic Ulcer, Acute
Testis		Hyperplasia, Interstitial 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_066

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus Acinus	Atrophy, Nos Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C 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: 14:39:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_067

TRT#: 1
DOSE: 50000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver	Bile Duct Acinus	Focal Cellular Change Hyperplasia, Nos
Pancreas		Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_068

TRT#: 1

SEX: Male

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
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Adenocarcinoma, Nos
		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_069

TRT#: 1

SEX: Male

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		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
	Intermedia	Cyst, Nos
Salivary gland		Neurofibrosarcoma, Invasive
Seminal vesicle		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified		Neurofibrosarcoma

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: 14:39:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_070

TRT#: 1
DOSE: 50000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cortical Adenoma
	Cortex Nos	Pheochromocytoma
Heart		Pigmentation, Nos
Kidney	Pelvis	Inflammation, Chronic
		Hemorrhage
	Tubule	Nephropathy
Liver		Pigmentation, Nos
	Bile Duct	Focal Cellular Change
	Periportal	Hyperplasia, Nos
Pancreas	Acinus	Inflammation, Chronic
Preputial gland		Atrophy, Nos
Spleen		Inflammation, Chronic
Stomach	Glandular Stomach	Pigmentation, Nos
Testis		Degeneration, Cystic
Thyroid		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Hyperplasia, Follicular 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_071

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Pigmentation, Nos
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_072

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Eye		Hemorrhage
Harderian gland	Harderian Gland	Adenoma, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas		Fibrosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland		Inflammation, Chronic
Skin		Squamous Cell Papilloma
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_073	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos	
Heart		Inflammation, Chronic	
Kidney		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver		Focal Cellular Change Hepatocellular Carcinoma	
	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic	
Lung		Histiocytosis Pneumonia, Interstitial Chronic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos	
Salivary gland		Cystic Ducts	
Stomach	Glandular Stomach	Degeneration, Cystic	
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor	
Thymus		Cyst, Embryonal Duct	
Thyroid		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_074

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_075

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos Medulla Cortex Nos	Hyperplasia, Nos Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Intestine Small	Mesentery Nos	Teratoma, Benign
Kidney	Pelvis	Hemorrhage Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_076	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
<hr/>			
OBSERVATIONS			
Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma	
Kidney		Nephropathy	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
Mammary gland		Hyperplasia, Cystic	
Pancreas	Acinus Islets	Atrophy, Nos Islet-Cell Adenoma	
Pituitary gland	Intermedia Anterior Pituitary	Cyst, Nos Hyperplasia, Nos	
Prostate		Inflammation, Active Chronic	
Salivary gland		Atrophy, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Testis	Tubule Tubule	Degeneration, Nos Mineralization	
Thymus		Cyst, Embryonal Duct	
Thyroid		Hyperplasia, C Cell	
Unspecified	Multiple Organs Nos Multiple Organs Nos Multiple Organs Nos	Inflammation, Chronic Leukemia, Mononuclear Cell Pigmentation, Nos	
<hr/>			
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_077	TRT#: 1 DOSE: 50000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Cortex Nos Cortex Nos	Hyperplasia, Nos Metamorphosis, Fatty Pigmentation, Nos	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization Nephropathy	
Liver	Tubule	Pigmentation, Nos Cytoplasmic Change, Basophilic Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
	Periportal	Inflammation, Chronic	
Mammary gland		Hyperplasia, Cystic	
Pancreas	Acinus	Atrophy, Nos	
Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos Hyperplasia, Nos	
Prostate		Inflammation, Active Chronic	
Skin		Cyst, Epidermal Inclusion	
Spleen		Hematopoiesis Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor	
Thyroid	Tubule	Mineralization 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_078

TRT#: 1

SEX: Male

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		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Mammary gland		Hyperplasia, Cystic
Salivary gland		Atrophy, Nos
		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_079

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Focal Cellular Change Hepatocellular Carcinoma Hyperplasia, Nos Necrosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_080

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal 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
Lung		Congestion, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_081

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma 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
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Cyst, Nos Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_082

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Brain		Malacia
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_083

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Prostate		Inflammation, Suppurative
Salivary gland		Cystic Ducts
Skin		Keratoacanthoma
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_084

TRT#: 1
DOSE: 50000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		C-Cell Carcinoma
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_085

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Galactocele
		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_086

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	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		Hyperplasia, Cystic
Pituitary gland	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Seminal vesicle		Inflammation, Active Chronic
Spleen		Fibrosis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_087

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
	Atrium	Thrombus, Organized
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		C-Cell Adenoma
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_088

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Medulla	Inflammation, Acute
	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_089

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Blood vessel	Aorta Nos	Mineralization
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Oligospermia
Unspecified		Hyperplasia, C Cell
		Fibroma
	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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_090

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Nos

Brain

Medulla

Pheochromocytoma

Heart

Hemorrhage

Kidney

Pelvis

Inflammation, Chronic

Liver

Tubule

Hemorrhage

Seminal vesicle

Mineralization

Unspecified

Multiple Organs Nos

Necrosis, Nos

Urinary bladder

Multiple Organs Nos

Inflammation, Active Chronic

Leukemia, Mononuclear Cell

Pigmentation, Nos

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_091

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Capsule	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
		Neurofibrosarcoma
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Focal Cellular Change
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_092

TRT#: 1

SEX: Male

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	Bile Duct	Focal Cellular Change
	Periportal	Hyperplasia, Nos Inflammation, Chronic Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization Hyperplasia, C Cell
Thyroid		

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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_093

TRT#: 1

SEX: Male

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
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_094

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Bone marrow		Mastocytosis
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
Prostate		Inflammation, Active Chronic
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_095

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Fibrosis, Myelo
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Oligospermia
		Hyperplasia, C Cell
		Hyperplasia, Follicular Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_096

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
Eye		Phthisis Bulbi
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
Thymus		Cyst, Embryonal Duct
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_097

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
	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
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_098

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 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	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus Islets	Atrophy, Nos Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_099

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Congestion, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Congestion, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Hyperplasia, Cystic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_100

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 50000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart	Atrium	Inflammation, Chronic Mineralization
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver	Bile Duct Periportal	Congenital Malformation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic Necrosis, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus	Tubule	Mineralization
Thyroid		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Hyperplasia, Nos Inflammation, Chronic
Lung		Histiocytosis Hyperplasia, Alveolar Epithelium
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus	Tubule	Mineralization Congestion, Nos
Unspecified	Multiple Organs Nos	Cyst, Embryonal Duct 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Nephropathy
Liver	Bile Duct	Pigmentation, Nos
Mammary gland	Acinus	Focal Cellular Change
Pancreas		Hyperplasia, Nos
Preputial gland		Hyperplasia, Cystic
Spleen		Atrophy, Nos
Stomach	Glandular Stomach	Inflammation, Active Chronic
Testis	Tubule	Hematopoiesis
Thymus	Tubule	Pigmentation, Nos
Thyroid		Degeneration, Cystic
Unspecified	Multiple Organs Nos	Degeneration, Nos
		Interstitial-Cell Tumor
		Mineralization
		Thymoma, Benign
		Cystic Follicles
		Hyperplasia, C Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Medulla	Hyperplasia, Nos Hyperplasia, Nos Pheochromocytoma
Kidney		Nephropathy
Liver	Bile Duct	Focal Cellular Change Hyperplasia, Nos Metamorphosis, Fatty
Lung		Histiocytosis Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node Mandibular Lymph Node	Hemosiderosis Plasmacytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule Tubule	Degeneration, Nos Interstitial-Cell Tumor Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma Hyperplasia, C Cell
Unspecified	Multiple Organs Nos Multiple Organs Nos	Inflammation, Chronic 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Lipoidosis
		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
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
Intestine Large	Colon	Pigmentation, Nos
	Colon	Hematoma, Nos
Kidney		Necrosis, Ischemic
	Tubule	Nephropathy
Liver		Pigmentation, Nos
	Bile Duct	Focal Cellular Change
Lung		Hyperplasia, Nos
Lymph node	Thoracic Lymph Node	Histiocytosis
Pancreas	Acinus	Congestion, Nos
	Islets	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Islet-Cell Adenoma
Preputial gland		Adenoma, Nos
Prostate		Adenoma, Nos
Salivary gland		Inflammation, Active Chronic
Skin	Tail	Atrophy, Nos
	Tail	Hyperkeratosis
Spleen		Inflammation, Active Chronic
		Hematopoiesis
Stomach	Glandular Stomach	Pigmentation, Nos
Testis	Tubule	Degeneration, Cystic
		Degeneration, Nos
	Tubule	Interstitial-Cell Tumor
Thyroid		Mineralization
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell
		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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hemorrhage
Prostate		Inflammation, Active Chronic
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Pigmentation, 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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Metaplasia, Osseous
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

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	Hyperplasia, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
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: 14:39:24

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Hemosiderosis
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mesothelioma, Malignant

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

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		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Inflammation, Active Chronic
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cystic Follicles
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Vein Nos	Mineralization
Heart		Inflammation, Chronic
	Atrium	Mineralization
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Salivary gland		Cystic Ducts
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma
Eye	Cortex Nos Crystalline Lens	Pigmentation, Nos Cataract Retinopathy
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Mammary gland	Bile Duct	Hyperplasia, Nos
Pancreas	Periportal	Inflammation, Chronic Metamorphosis, Fatty Hyperplasia, Cystic
Pituitary gland	Acinus	Atrophy, Nos
Prostate	Acinus	Hyperplasia, Nos
Spleen	Anterior Pituitary	Adenoma, Nos Inflammation, Active Chronic
Stomach		Hematopoiesis
Testis	Glandular Stomach	Pigmentation, Nos Degeneration, Cystic
Thyroid	Tunica Vaginalis	Hyperplasia, Interstitial Cell Mesothelioma, Nos 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
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
Prostate		Inflammation, Active Chronic
Salivary gland		Atrophy, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Vein Nos	Mineralization
Brain		Hemorrhage
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Mineralization
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Capsule	Granuloma, Nos
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Capsule	Inflammation, Chronic
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Neoplastic Nodule
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Fibrosis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Lung		Hemorrhage
Lymph node	Mesenteric Lymph Node	Pigmentation, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		Cyst, Embryonal Duct
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

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
	Periportal	Inflammation, Chronic
		Hemorrhage
Lung		Cyst, Nos
Lymph node	Mesenteric Lymph Node	Hyperplasia, Cystic
Mammary gland		Atrophy, Nos
Pancreas	Acinus	Adenoma, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
	Intermedia	Inflammation, Active Chronic
Preputial gland		Inflammation, Active Chronic
Prostate		Hematopoiesis
Spleen		Pigmentation, Nos
		Degeneration, Cystic
Stomach	Glandular Stomach	Degeneration, Nos
Testis	Tubule	Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

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
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Vein Nos	Mineralization
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Eye	Sclera	Cataract
		Mineralization
		Retinopathy
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		Hyperplasia, Cystic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Metamorphosis, Fatty

Heart

Medulla

Pheochromocytoma

Kidney

Inflammation, Chronic

Liver

Nephropathy

Focal Cellular Change

Pancreas

Bile Duct

Hyperplasia, Nos

Preputial gland

Acinus

Atrophy, Nos

Prostate

Inflammation, Active Chronic

Spleen

Inflammation, Suppurative

Testis

Tubule

Hematopoiesis

Degeneration, Nos

Unspecified

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Fibroma

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

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	Pelvis	Hemorrhage
	Tubule	Necrosis, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

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
Brain		Malacia
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
Preputial gland		Adenoma, Nos
Skin	Tail	Squamous Cell Papilloma
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Oligospermia
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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 25000 PPM

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
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
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, C Cell
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Cytoplasmic Vacuolization
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Necrosis, Nos Pheochromocytoma Pigmentation, Nos Inflammation, Chronic
Heart		Mineralization
Kidney	Tubule	Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
Lymph node	Mandibular Lymph Node	Hemosiderosis
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Active Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		C-Cell Carcinoma 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Hemorrhage
		Necrosis, Coagulative
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Metamorphosis, Fatty
Lung		Hemorrhage
Penis	Prepuce Nos	Calculus, Microscopic Examination
Pituitary gland	Anterior Pituitary	Cyst, Nos
Preputial gland		Inflammation, Active Chronic
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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 25000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Pigmentation, Nos
Bone marrow		Fibrosis, Myelo
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Cholesterol Deposit
		Histiocytosis
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus Acinus Islets	Atrophy, Nos Hyperplasia, Nos Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor

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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 25000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	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
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenocarcinoma, Nos
Prostate		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Thyroid		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Brain		Corpora Amylacea
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thymus		Congestion, Nos
		Cyst, Embryonal Duct
Thyroid		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Tubule	Necrosis, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Metaplasia, Osseous
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Mastocytosis
Seminal vesicle		Inflammation, Suppurative
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034	TRT#: 2 DOSE: 25000 PPM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Medulla	Hyperplasia, Nos	
	Cortex Nos	Metamorphosis, Fatty	
	Cortex Nos	Pigmentation, Nos	
Eye	Crystalline Lens	Cataract	
	Sclera	Mineralization	
		Retinopathy	
Heart		Inflammation, Chronic	
Kidney	Tubule	Mineralization	
		Nephropathy	
	Tubule	Pigmentation, Nos	
Liver		Focal Cellular Change	
	Bile Duct	Hyperplasia, Nos	
	Periportal	Inflammation, Chronic	
		Neoplastic Nodule	
Lung		Bronchopneumonia, Chronic	
Lymph node	Mandibular Lymph Node	Plasmacytosis	
Pituitary gland	Anterior Pituitary	Adenoma, Nos	
	Anterior Pituitary	Hyperplasia, Nos	
Prostate		Inflammation, Active Chronic	
Spleen		Hematopoiesis	
		Pigmentation, Nos	
Stomach	Glandular Stomach	Degeneration, Cystic	
Testis	Tubule	Degeneration, Nos	
		Hyperplasia, Interstitial Cell	
		Interstitial-Cell Tumor	
	Tubule	Mineralization	
	Tubule	Oligospermia	
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

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	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Spleen	Capsule	Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder		Calculus, Gross Observation Only

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Tubule	Mineralization
	Papilla	Necrosis, Coagulative
		Nephrosis, Hydro
	Tubule	Pigmentation, Nos
Prostate		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Unspecified	Multiple Organs Nos	Inflammation, Chronic
	Pelvis Nos	Sarcoma, Nos
Urinary bladder		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

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		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Congenital Malformation, Nos Focal Cellular Change Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Brain		Infarct, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
		Necrosis, Nos
Lung		Hemorrhage
Preputial gland		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Forestomach	Inflammation, Active Chronic
	Forestomach	Ulcer, Acute
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Heart	Endocard/Left Atrium	Inflammation, Chronic Mineralization
Kidney	Tubule	Nephropathy Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lung		Metaplasia, Osseous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Fibrosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Periportal	Focal Cellular Change
		Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Intermedia	Cyst, Nos
Salivary gland		Atrophy, Nos
		Cystic Ducts
		Inflammation, Active Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	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
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Skin	Scrotum	Squamous Cell Papilloma
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Skin		Trichoepithelioma
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Cystic Follicles
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Bone marrow		Fibrosis, Myelo
		Necrosis, Nos
Brain	Meninges	Hemorrhage
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Vacuolization
		Focal Cellular Change
	Periportal	Inflammation, Chronic
Lung		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
	Tubule	Mineralization
Thyroid		Hyperplasia, C Cell
Unspecified	Elbow	Abscess, Nos
	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal 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	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor
Unspecified		Hyperplasia, C Cell
		Neurofibrosarcoma

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Intermedia	Cyst, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

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
Lymph node	Mesenteric Lymph Node	Inflammation, Chronic Edema, Nos
Mammary gland		Adenoma, Nos Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Skin		Calcinosis, Circumscripta Trichoepithelioma
Spleen		Hematopoiesis Pigmentation, Nos
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell
Thyroid		Interstitial-Cell Tumor 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal 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
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Testicular Artery	Thrombus, Organized
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung		Metaplasia, Osseous
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Salivary gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Suppurative
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Bone marrow		Mastocytosis
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Lymph node		Hemosiderosis
Pancreas	Acinus	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		C-Cell Carcinoma
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 25000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone	Joint Of Lower Extremity	Osteoarthritis
Heart		Inflammation, Chronic
Kidney		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	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematoma, Nos
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_101

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Cortex Nos

Pigmentation, Nos
Inflammation, Chronic
Nephropathy

Liver
Spleen
Testis

Tubule

Pigmentation, Nos
Necrosis, Nos
Pigmentation, Nos
Hyperplasia, Interstitial Cell
Interstitial-Cell Tumor

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_102

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

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
	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Carcinoma, Nos, Metastatic
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_103

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Hemorrhage
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
Unspecified		Fibroma
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_104

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Metamorphosis, Fatty Pheochromocytoma, Malignant
Ear	Cortex Nos Canal	Pigmentation, Nos Inflammation, Acute/Chronic
Kidney	Canal Tubule	Squamous Cell Papilloma Mineralization Nephropathy
Liver	Tubule	Pigmentation, Nos Focal Cellular Change
Lung	Bile Duct	Hyperplasia, Nos Congestion, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Anterior Pituitary	Hyperplasia, Nos Hematopoiesis Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
Thymus		Cyst, Embryonal Duct
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_105

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Blood vessel	Testicular Artery	Mineralization
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
Prostate		Inflammation, Active Chronic
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Urinary bladder		Inflammation, Active 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_106

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_107

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Hemosiderosis
	Mesenteric Lymph Node	Mastocytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
		Hyperplasia, Follicular 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_108

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic Necrosis, Nos
Lung		Hemorrhage
Lymph node	Thoracic Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Fibrosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_109

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Bone marrow		Fibrosis, Myelo
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Spleen		Hematopoiesis
		Pigmentation, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Foot Nos	Sarcoma, 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_110

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Inflammation, Chronic
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Hemorrhage
		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	Cyst, Nos
Preputial gland		Adenocarcinoma, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_111

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Bone	Skull	Hyperplasia, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
	Islets	Islet-Cell Adenoma
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Eye	Cornea	Cataract
		Inflammation, Chronic
		Retinopathy
Heart		Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Alveolar/Bronchiolar Carcinoma
		Histiocytosis
		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell

* 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_112

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_113

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

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
	Periportal	Inflammation, Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Salivary gland		Atrophy, Nos
Spleen		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_114

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Necrosis, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_115

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lymph node	Mesenteric Lymph Node	Congestion, Nos
	Thoracic Lymph Node	Congestion, Nos
	Thoracic Lymph Node	Hemosiderosis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_116

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Mineralization
		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pancreas	Acinus	Atrophy, Nos
Skin	Head	Squamous Cell Carcinoma
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Oligospermia
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_117

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos
Brain		Atrophy, Pressure Hemorrhage
Heart		Inflammation, Chronic
Kidney		Congestion, Nos Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Congestion, Nos Hyperplasia, Nos Inflammation, Chronic
Lung		Bronchopneumonia, Acute Congestion, Nos
Lymph node	Mandibular Lymph Node Mandibular Lymph Node	Congestion, Nos Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus Islets	Atrophy, Nos Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Thymus		Hemosiderosis

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_118

TRT#: 3

SEX: Male

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
	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		Fibrosis
		Hematopoiesis
Stomach	Glandular Stomach	Pigmentation, Nos
Testis	Tubule	Degeneration, Cystic
		Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
Thymus		Cyst, Embryonal Duct
Thyroid		C-Cell Adenoma
		Hyperplasia, C 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_119

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Hemorrhage
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Pigmentation, Nos
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_120

TRT#: 3

SEX: Male

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	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
		Neoplastic Nodule
Lung		Bronchopneumonia, Chronic
		Hemorrhage
		Metaplasia, Osseous
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Skin	Scrotum	Hyperkeratosis
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_121

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Artery Nos	Mineralization
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Histiocytosis
		Inflammation, Chronic
Pancreas	Islets	Islet-Cell Carcinoma
Prostate		Inflammation, Active Chronic
Salivary gland		Cystic Ducts
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
		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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_122

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Adenocarcinoma, Nos Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis Tubule	Hemorrhage Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Hyperplasia, Nos Inflammation, Chronic
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Skin		Squamous Cell Papilloma
Spleen		Hematopoiesis
Testis	Tubule	Pigmentation, Nos Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_123

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma, Malignant Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Cortex Tubule	Cyst, Nos Mineralization Nephropathy
Liver	Tubule Bile Duct Periportal	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Inflammation, Chronic
Lung		Pheochromocytoma, Metastatic Pneumonia, Interstitial Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary Anterior Pituitary	Cyst, Nos Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Skin	Nose	Cyst, Epidermal Inclusion
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus	Tubule	Mineralization
Thyroid		Cyst, Embryonal Duct 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_124

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
		Angiectasis
		Cytoplasmic Change, Basophilic
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Mammary gland		Hyperplasia, Cystic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_125

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
	Islets	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Spleen		Fibrosis
		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Scrotum Nos	Steatitis
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_126

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty Pheochromocytoma Pigmentation, Nos Inflammation, Chronic Nephropathy
Heart		
Kidney		
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic Hemorrhage
Lung		
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
		Cyst, Embryonal Duct
Thymus		Hyperplasia, C Cell
Thyroid		Hyperplasia, Follicular Cell 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_127

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Cortex	Cyst, Nos
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Fibrosis
		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_128

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Lung		Histiocytosis
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_129

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Epididymis		Inflammation, Acute
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Congenital Malformation, Nos
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenocarcinoma, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_130

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
	Tubule	Oligospermia
Thymus		Cyst, Embryonal Duct
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma
	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_131

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos
Medulla
Cortex Nos

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

Heart

Atrium

Inflammation, Chronic
Mineralization

Kidney

Tubule

Mineralization

Liver

Tubule

Nephropathy
Pigmentation, Nos
Focal Cellular Change

Pancreas

Bile Duct

Hyperplasia, Nos

Pituitary gland

Periportal

Inflammation, Chronic

Islets

Islet-Cell Carcinoma

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Hyperplasia, Nos

Prostate

Inflammation, Active Chronic

Salivary gland

Atrophy, Nos

Spleen

Hematopoiesis

Stomach

Glandular Stomach

Pigmentation, Nos

Testis

Tubule

Degeneration, Cystic

Degeneration, Nos

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

Scrotum Nos

Steatitis

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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_132

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Atrophy, Pressure
		Hydrocephalus, Internal
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_133

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
Blood vessel	Pulmonary Artery Nos	Mineralization
Brain		Hemorrhage
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Metamorphosis, Fatty
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Active Chronic
Spleen		Hematopoiesis
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
Thyroid		Cystic Follicles
		Hyperplasia, Follicular 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_134

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Brain		Astrocytoma
Heart		Inflammation, Chronic
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
Lung		Congestion, Nos
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Pancreas	Islets	Hyperplasia, Nos
Prostate		Inflammation, Suppurative
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
	Forestomach	Hyperkeratosis
Testis		Hyperplasia, Interstitial Cell
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_135

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Salivary gland		Inflammation, Chronic
Spleen		Fibrosis
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_136

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Blood vessel	Pulmonary Vein Nos	Mineralization
Brain		Hemorrhage
		Inflammation, Chronic
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Acute
	Periportal	Inflammation, Chronic
Lung		Congestion, Nos
Preputial gland		Hemorrhage
		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_137

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Nos
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Hypertrophy, Focal
	Periportal	Inflammation, Chronic
		Neoplastic Nodule
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Intermedia	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_138

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla Cortex Nos	Metamorphosis, Fatty 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		Pneumonia, Interstitial Chronic
Mammary gland		Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Hyperplasia, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thymus	Tubule	Mineralization
Thyroid		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_139

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Preputial gland		Inflammation, Active Chronic
Prostate		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
	Tubule	Interstitial-Cell Tumor
	Tubule	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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_140

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

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		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Interstitial-Cell Tumor
Thymus	Tubule	Mineralization
Thyroid		Cyst, Embryonal Duct
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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_141

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Brain		Hemorrhage
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Salivary gland		Atrophy, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_142

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Pigmentation, Nos
Kidney	Tubule	Mineralization
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		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		Atrophy, Nos
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Interstitial-Cell Tumor
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_143

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney	Pelvis	Hemorrhage
	Tubule	Mineralization
		Nephropathy
Liver	Tubule	Pigmentation, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Metamorphosis, Fatty
		Necrosis, Nos
Lymph node	Mesenteric Lymph Node	Hemosiderosis
Mammary gland		Hyperplasia, Cystic
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thymus		Cyst, Embryonal Duct
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_144

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart		Inflammation, Chronic
Kidney		Nephropathy
Liver		Focal Cellular Change
		Granuloma, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Hyperplasia, Cystic
Mammary gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Inflammation, Active Chronic
Prostate		Hematopoiesis
Spleen		Degeneration, Cystic
Stomach	Glandular Stomach	Degeneration, Nos
Testis	Tubule	Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
		Mineralization
Thyroid	Tubule	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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_145

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Cortex Nos	Metamorphosis, Fatty Pigmentation, Nos
Heart		Inflammation, Chronic
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct Periportal	Hyperplasia, Nos Inflammation, Chronic Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Intermedia	Cyst, Nos
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
	Tubule	Mineralization
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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_146

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund 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 Hyperplasia, Nos Inflammation, Chronic Metamorphosis, Fatty Necrosis, Nos Neoplastic Nodule
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Active Chronic
Spleen		Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_147

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland		Cortical Adenoma
	Cortex Nos	Hyperplasia, Nos
	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
		Necrosis, Nos
Pancreas	Acinus	Atrophy, Nos
Prostate		Inflammation, Active Chronic
Stomach	Glandular Stomach	Degeneration, Cystic
	Glandular Stomach	Mineralization
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
		C-Cell Carcinoma
		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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_148

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Hyperplasia, Nos Hyperplasia, Nos
Kidney	Cortex Nos Tubule	Pigmentation, Nos Mineralization Nephropathy
Liver	Tubule Bile Duct	Pigmentation, Nos Focal Cellular Change Hyperplasia, Nos Neoplastic Nodule
Mammary gland		Hyperplasia, Cystic
Spleen		Hematopoiesis Pigmentation, Nos
Stomach	Glandular Stomach	Degeneration, Cystic
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Thyroid	Tubule	Mineralization
Unspecified	Multiple Organs Nos	Hyperplasia, C Cell 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: 14:39:25

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_149

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Metamorphosis, Fatty
	Cortex Nos	Pigmentation, Nos
Eye		Cataract
		Retinopathy
Heart		Inflammation, Chronic
	Atrium	Thrombus, Organized
Intestine Small	Mesentery Nos	Steatitis
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Salivary gland		Inflammation, Chronic
Spleen		Hematopoiesis
		Pigmentation, Nos
Testis	Tubule	Degeneration, Nos
		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor
	Tubule	Mineralization
Thyroid		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: 14:39:25
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_150

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
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 Hyperplasia, Nos Inflammation, Chronic Necrosis, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis	Tubule	Degeneration, Nos Hyperplasia, Interstitial Cell Interstitial-Cell Tumor
Unspecified	Tubule Multiple Organs Nos	Oligospermia Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****