

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

C Number: C55061
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_001

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Liver

Cortex Nos
Jejunum

Hyperplasia, Focal
Hemangiosarcoma
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Lung

Spleen
Thyroid

Medulla
Atrium

Pheochromocytoma
Thrombosis, Nos
Glomerulonephritis, Chronic
Hepatocellular Carcinoma
Alveolar Macrophages
Alveolar/Bronchiolar Carcinoma
Hepatocellular Carcinoma, Metastatic
Hematopoiesis
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_003

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Eye

Cortex Nos
Crystalline Lens
Cornea
Hardarian Gland

Harderian gland
Liver
Lung

Hypertrophy, Focal
Cataract
Inflammation, Chronic
Adenoma, Nos
Cytoplasmic Vacuolization
Alveolar Macrophages
Hemosiderosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_004

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Alveolar Macrophages
Alveolar/Bronchiolar Carcinoma
Squamous Cell Papilloma
Hyperplasia, Follicular Cell
Lymphoma, Mixed-Malignant Type

Skin
Thyroid
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Cytoplasmic Vacuolization
Lung		Inflammation, Chronic
Penis	Prepuce Nos	Dilatation, Nos
Seminal vesicle		Dilatation, Nos
Thymus		Necrosis, Diffuse
Urethra		Dilatation, Nos
		Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_006

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Metaplasia, Osseous
Liver	Cytoplasmic Vacuolization
Testis	Degeneration, Nos
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Liver		Cytoplasmic Vacuolization
Lung		Leukocytosis, Nos
Peritoneum		Foreign Body, Reaction
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma

Lymph node
Thyroid
Unspecified

Mesenteric Lymph Node

Angiectasis
Hyperplasia, Follicular Cell
Inflammation, Chronic
Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Bone

Tarsal Joint

Hyperostosis

Liver

Tarsal Joint

Metaplasia, Osseous

Cytoplasmic Vacuolization

Lung

Hepatocellular Adenoma

Salivary gland

Hyperplasia, Alveolar Epithelium

Atrophy, Nos

Unspecified

Inflammation, Chronic

Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Spleen

Medulla

Hyperplasia, Focal
Metaplasia, Osseous
Cytoplasmic Vacuolization
Hyperplasia, Lymphoid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_011

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Cyst, Multiple
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Liver

Medulla

Pheochromocytoma
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Hepatocellular Carcinoma
Inflammation, Acute
Hematopoiesis

Pancreas
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Adenoma, Nos

Bone

Cortex Nos

Hypertrophy, Focal

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Kidney

Infarct, Nos

Liver

Cytoplasmic Vacuolization

Lung

Hyperplasia, Alveolar Epithelium

Spleen

Hematopoiesis

Thyroid

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Adenoma, Nos

Bone

Medulla

Pheochromocytoma

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Kidney

Cyst, Multiple

Liver

Metaplasia, Osseous

Lymph node

Cytoplasmic Vacuolization

Testis

Mesenteric Lymph Node

Angiectasis

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Vacuolization
Lung	Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma Necrosis, Focal
Lung		Hemorrhage
	Pleura Nos	Inflammation, Acute/Chronic
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_017

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Kidney		Pyelonephritis, Acute
Liver		Cytoplasmic Vacuolization
Penis	Prepuce Nos	Inflammation, Acute Necrotizing
Prostate		Inflammation, Acute
Urethra		Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Mineralization
Liver		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma
Lung		Inflammation, Acute
	Pleura Nos	Inflammation, Acute Necrotizing
Prostate		Inflammation, Acute/Chronic
Spleen		Depletion, Lymphoid
		Necrosis, Diffuse
Thymus		Necrosis, Diffuse
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small

Duodenum

Hemorrhage

Liver

Jejunum

Hemorrhage

Lung

Cytoplasmic Vacuolization

Hemorrhage

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Adenoma, Nos

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Epididymis

Granuloma, Spermatic

Kidney

Glomerulonephritis, Chronic

Liver

Cytoplasmic Vacuolization

Lymph node

Mesenteric Lymph Node

Angiectasis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_021

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Epididymis		Inflammation, Chronic
Eye	Cornea	Inflammation, Chronic
Harderian gland	Hardarian Gland	Adenoma, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Cytoplasmic Vacuolization
Lymph node	Lumbar Lymph Node	Angiectasis
Spleen		Hematopoiesis
Testis		Degeneration, Nos
		Inflammation, Chronic
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung

Cytoplasmic Vacuolization
Alveolar/Bronchiolar Adenoma
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_023

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Large
Pancreas
Preputial gland
Unspecified

Colon

Multiple Organs Nos

Parasitism
Atrophy, Focal
Dilatation, Ducts
Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_024

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Cytoplasmic Vacuolization
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_025

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Epididymis
Liver
Lung
Testis

Cortex Nos

Hypertrophy, Focal
Granuloma, Spermatic
Cytoplasmic Vacuolization
Alveolar/Bronchiolar Adenoma
Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Kidney

Infarct, Nos

Liver

Cytoplasmic Vacuolization

Spleen

Hematopoiesis

Unspecified

Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Pancreas	Acinus	Focal Cellular Change
Spleen		Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_029

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Liver

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Cytoplasmic Vacuolization
Seminal vesicle	Hepatocellular Carcinoma
Thyroid	Dilatation, Nos
	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_031

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Tarsal Joint

Hyperostosis

Liver

Tarsal Joint

Metaplasia, Osseous

Cytoplasmic Vacuolization

Lung

Hepatocellular Adenoma

Alveolar/Bronchiolar Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_032

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Preputial gland
Thyroid

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Inflammation, Acute/Chronic
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lung		Alveolar/Bronchiolar Carcinoma
Pancreas		Atrophy, Focal
Unspecified	Mediastinum Nos	Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_034

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
		Inflammation, Chronic
		Regeneration, Nodular
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Capsule

Adenoma, Nos

Bone

Tarsal Joint

Hyperostosis

Kidney

Tarsal Joint

Metaplasia, Osseous

Liver

Hyperplasia, Tubular Cell

Cytoplasmic Vacuolization

Spleen

Hepatocellular Carcinoma

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_036

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Liver
Prostate
Seminal vesicle

Cortex Nos
Colon

Hypertrophy, Focal
Parasitism
Cytoplasmic Vacuolization
Inflammation, Acute
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Kidney

Liver
Spleen
Urinary bladder

Hyperplasia, Granulocytic
Infection, Bacterial
Pyelonephritis, Chronic
Cytoplasmic Vacuolization
Hematopoiesis
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Infection, Bacterial

Liver

Pyelonephritis, Acute

Lung

Cytoplasmic Vacuolization

Seminal vesicle

Inflammation, Acute

Spleen

Dilatation, Nos

Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_039

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Thyroid

Cortex Nos

Hyperplasia, Focal
Cytoplasmic Vacuolization
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Cytoplasmic Vacuolization
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Eye
Harderian gland
Liver

Crystalline Lens
Hardarian Gland

Cataract
Adenoma, Nos
Hemangiosarcoma
Necrosis, Focal
Hematopoiesis

Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_042

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Cytoplasmic Vacuolization
Penis	Inflammation, Acute
Prostate	Inflammation, Acute
Seminal vesicle	Inflammation, Acute/Chronic
Skin	Inflammation, Acute/Chronic
Spleen	Hematopoiesis

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver
Lung

Cytoplasmic Vacuolization
Alveolar/Bronchiolar Adenoma
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver

Glomerulonephritis, Chronic
Cytoplasmic Vacuolization
Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_045

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Pleura Nos	Inflammation, Acute/Chronic
------	------------	-----------------------------

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_046

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Liver

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_047

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Adenocarcinoma, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Cytoplasmic Vacuolization
Lung		Adenocarcinoma, Nos, Metastatic
		Alveolar Macrophages
		Fibrosarcoma, Metastatic
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Epididymis

Inflammation, Chronic

Liver

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 015.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Eye	Nasolacrimal Duct	Carcinoma, Nos
Liver		Cytoplasmic Vacuolization
		Hematopoiesis
Lung		Carcinoma, Nos, Metastatic
		Hyperplasia, Alveolar Epithelium
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_050

TRT#: 1
DOSE: 015.0 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Medulla
Cortex Nos

Hyperplasia, Focal
Hypertrophy, Nos
Glomerulonephritis, Chronic
Cyst, Nos
Cytoplasmic Vacuolization

Kidney

Liver

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney		Mineralization
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Peritoneum		Necrosis, Fat
Testis		Interstitial-Cell Tumor
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Kidney
Liver
Lung

Cortex Nos
Tarsal Joint
Tarsal Joint

Hypertrophy, Focal
Hyperostosis
Metaplasia, Osseous
Mineralization
Cytoplasmic Vacuolization
Alveolar Macrophages
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Seminal vesicle		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Pancreas		Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Epididymis		Inflammation, Chronic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Thymus
Urinary bladder

Pyelonephritis, Acute
Necrosis, Diffuse
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Seminal vesicle
Thymus
Urethra

Tubule

Dilatation, Nos
Dilatation, Nos
Necrosis, Diffuse
Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Cortex Nos

Adenoma, Nos
Hyperplasia, Focal
Infarct, Nos
Alveolar/Bronchiolar Adenoma
Cyst, Follicular Nos

Kidney

Lung

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos

Hyperplasia, Focal
Hypertrophy, Focal
Cytoplasmic Vacuolization
Atrophy, Focal

Liver

Pancreas

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hyperplasia, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Adenoma
Lung		Alveolar Macrophages
Lymph node	Pancreatic Lymph Node	Angiectasis
	Pancreatic Lymph Node	Thrombosis, Nos
Pancreas		Atrophy, Focal
Thyroid		Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow	Hyperplasia, Granulocytic
Kidney	Glomerulonephritis, Chronic
Lung	Alveolar Macrophages
	Alveolar/Bronchiolar Carcinoma
Preputial gland	Inflammation, Acute/Chronic
Skin	Inflammation, Acute/Chronic
Spleen	Hematopoiesis
Unspecified	Fibrosarcoma
Urinary bladder	Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Seminal vesicle
Unspecified

Cytoplasmic Vacuolization
Dilatation, Nos
Infection, Fungal
Inflammation, Chronic
Inflammation, Acute Necrotizing

Urethra

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_015

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Pancreas
Spleen
Unspecified

Multiple Organs Nos

Cytoplasmic Vacuolization
Atrophy, Focal
Hematopoiesis
Hemangiosarcoma
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung

Unspecified

Cortex Nos

Hyperplasia, Focal
Cytoplasmic Vacuolization
Alveolar Macrophages
Alveolar/Bronchiolar Adenoma
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Lung		Hyperplasia, Alveolar Epithelium
Pancreas		Atrophy, Focal
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Heart		Necrosis, Focal
Liver		Angiectasis
		Cytoplasmic Vacuolization
Lung		Inflammation, Chronic
Lymph node	Mesenteric Lymph Node	Angiectasis
Salivary gland		Atrophy, Nos
Stomach	Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Cortex Nos
Tarsal Joint
Tarsal Joint

Kidney
Liver

Hypertrophy, Focal
Hyperostosis
Metaplasia, Osseous
Infarct, Nos
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Angiectasis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Atrophy, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Thrombus, Organized

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Kidney		Pyelonephritis, Chronic
Liver		Cytoplasmic Vacuolization
		Hematopoiesis
Lung		Leukocytosis, Nos
Pancreas		Inflammation, Acute
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Urinary bladder		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Angiectasis
Thyroid		Follicular-Cell Adenoma
		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_025

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Angiectasis
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Spleen		Hematopoiesis
Unspecified	Mediastinum Nos	Hepatocellular Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Testis
Unspecified

Hyperplasia, Granulocytic
Degeneration, Nos
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Seminal vesicle		Dilatation, Nos
Spleen		Depletion, Lymphoid
Stomach	Glandular Stomach	Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cyst, Nos
		Cytoplasmic Vacuolization
		Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
Lung		Alveolar Macrophages
		Alveolar/Bronchiolar Carcinoma
		Hyperplasia, Alveolar Epithelium
Pancreas		Inflammation, Chronic
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 007.5 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Liver
Unspecified
Urinary bladder

Capsule
Tarsal Joint
Tarsal Joint

Multiple Organs Nos

Adenoma, Nos
Hyperostosis
Metaplasia, Osseous
Cytoplasmic Vacuolization
Lymphoma, Mixed-Malignant Type
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Unspecified

Cytoplasmic Vacuolization
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hyperplasia, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Lymphoma, Lymphocytic-Malignant Type

Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_039

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver		Cytoplasmic Vacuolization
Lung		Alveolar Macrophages
Lymph node	Mesenteric Lymph Node	Angiectasis
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_042

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Kidney

Hyperplasia, Granulocytic
Infection, Bacterial
Pyelonephritis, Acute
Cytoplasmic Vacuolization
Inflammation, Acute
Inflammation, Acute/Chronic

Liver
Prostate
Urinary bladder

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Cyst, Nos
		Cytoplasmic Vacuolization
Lung		Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Bone

Tarsal Joint

Hyperostosis

Liver

Tarsal Joint

Metaplasia, Osseous

Cytoplasmic Vacuolization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 007.5 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow
Kidney
Liver

Spleen
Unspecified
Urethra
Urinary bladder

Hyperplasia, Granulocytic
Pyelonephritis, Acute
Cytoplasmic Vacuolization
Hepatocellular Carcinoma
Necrosis, Diffuse
Inflammation, Acute
Inflammation, Acute Necrotizing
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Infarct, Nos
Liver		Cytoplasmic Vacuolization
		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
		Hyperplasia, Alveolar Epithelium
Preputial gland		Dilatation, Ducts
		Inflammation, Acute/Chronic
Skin		Inflammation, Acute/Chronic
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Esophagus		Inflammation, Acute/Chronic
Liver		Cytoplasmic Vacuolization
Lung	Pleura Nos	Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortex Nos

Hypertrophy, Focal
Cytoplasmic Vacuolization
Hepatocellular Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 007.5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver

Medulla

Pheochromocytoma
Glomerulonephritis, Chronic
Cytoplasmic Vacuolization
Hepatocellular Adenoma
Hepatocellular Carcinoma
Hyperplasia, Epithelial
Inflammation, Acute

Stomach

Forestomach
Forestomach

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_001

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Hypertrophy, Focal
Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_003

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Heart		Necrosis, Focal
Liver		Hepatocellular Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Lymphoma, Lymphocytic-Malignant Type
Thyroid		Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_004

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver
Lung

Cortex Nos

Hyperplasia, Focal
Necrosis, Focal
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_005

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos

Hyperplasia, Focal

Hypertrophy, Focal

Pancreas

Atrophy, Focal

Spleen

Lymphoma, Mixed-Malignant Type

Thyroid

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_006

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Cortex Nos
Tarsal Joint
Tarsal Joint

Pancreas
Unspecified

Multiple Organs Nos

Hyperplasia, Focal
Hyperostosis
Metaplasia, Osseous
Atrophy, Focal
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_007

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Lung

Cortex Nos

Hypertrophy, Focal
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_008

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_009

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Alveolar Macrophages
Alveolar/Bronchiolar Carcinoma
Hyperplasia, Alveolar Epithelium

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_010

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Medulla
Tarsal Joint
Tarsal Joint

Epididymis
Kidney
Stomach

Hyperplasia, Focal
Hyperostosis
Metaplasia, Osseous
Inflammation, Chronic
Glomerulonephritis, Chronic
Mineralization

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_011

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis
Kidney
Liver

Spleen

Inflammation, Chronic
Glomerulonephritis, Chronic
Hepatocellular Carcinoma
Necrosis, Focal
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_012

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Adenoma
Skin		Inflammation, Acute/Chronic
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_013

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Cortex Nos
Tarsal Joint
Tarsal Joint

Testis
Thyroid

Hyperplasia, Focal
Hyperostosis
Metaplasia, Osseous
Degeneration, Nos
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_014

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Epididymis		Inflammation, Chronic
Heart		Necrosis, Focal
Liver		Necrosis, Focal
Lung		Leukocytosis, Nos
Lymph node	Pancreatic Lymph Node	Angiectasis
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_016

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Hepatocellular Adenoma
Lung	Hepatocellular Carcinoma
Spleen	Hepatocellular Carcinoma, Metastatic
	Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_017

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Mineralization
		Pyelonephritis, Acute
Lymph node	Inguinal Lymph Node	Inflammation, Acute
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Dilatation, Nos
		Inflammation, Acute/Chronic
Urinary bladder		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_018

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Preputial gland

Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_019

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Pleura Nos	Inflammation, Acute Necrotizing
------	------------	---------------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_020

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow
Unspecified

Inflammation, Pyogranulomatous
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_021

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_022

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
		Infarct, Nos
Liver		Hepatocellular Carcinoma
Lung		Hepatocellular Carcinoma, Metastatic
Prostate		Inflammation, Acute/Chronic
Urinary bladder		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_023

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Dilatation, Nos Mineralization
Lymph node	Mesenteric Lymph Node	Angiectasis
Prostate		Inflammation, Acute/Chronic
Seminal vesicle		Dilatation, Nos Inflammation, Acute/Chronic
Urinary bladder		Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_024

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung
Preputial gland
Prostate
Seminal vesicle

Cortex Nos

Hyperplasia, Focal
Pyelonephritis, Acute
Inflammation, Acute
Inflammation, Acute/Chronic
Inflammation, Acute
Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_025

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Adenoma
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_026

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Penis
Unspecified

Inflammation, Acute
Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_027

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Preputial gland
Seminal vesicle
Spleen
Thymus

Mineralization
Hepatocellular Adenoma
Dilatation, Ducts
Dilatation, Nos
Necrosis, Diffuse
Necrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_028

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pancreas
Prostate
Seminal vesicle
Spleen

Pyelonephritis, Acute
Inflammation, Chronic
Inflammation, Acute
Dilatation, Nos
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_029

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Epididymis		Inflammation, Chronic
Intestine Large	Colon	Parasitism
Liver		Hepatocellular Adenoma
		Necrosis, Focal
Lung		Leukocytosis, Nos
Lymph node	Pancreatic Lymph Node	Angiectasis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin		Cyst, Epidermal Inclusion
		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos
	Multiple Organs Nos	Sarcoma, Nos, Metastatic

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_030

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Capsule
Cortex Nos

Adenoma, Nos
Hypertrophy, Focal
Tubular-Cell Adenoma

Kidney

Lymph node

Mandibular Lymph Node

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_031

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver	Necrosis, Focal
Thymus	Necrosis, Diffuse
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_032

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney		Infarct, Nos
Liver		Hepatocellular Adenoma
		Inflammation, Chronic
Testis		Degeneration, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_033

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Kidney		Glomerulonephritis, Chronic
Liver		Hepatocellular Carcinoma
Lung		Alveolar/Bronchiolar Carcinoma
		Hepatocellular Carcinoma, Metastatic
Pancreas		Atrophy, Focal
Skin		Inflammation, Acute/Chronic
Spleen		Lymphoma, Lymphocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_034

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Intestine Small	Mesentery Nos	Squamous Cell Carcinoma, Metastatic
Liver		Hepatocellular Adenoma
Lymph node	Mesenteric Lymph Node	Angiectasis
Preputial gland		Carcinoma, Nos
Stomach	Forestomach	Squamous Cell Carcinoma
Tongue		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_035

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone

Cortex Nos
Tarsal Joint
Tarsal Joint

Kidney
Lung

Hypertrophy, Focal
Hyperostosis
Metaplasia, Osseous
Infarct, Nos
Alveolar Macrophages
Alveolar/Bronchiolar Carcinoma
Inflammation, Acute

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Epididymis		Inflammation, Chronic
Harderian gland	Hardarian Gland	Adenoma, Nos
Preputial gland		Inflammation, Acute/Chronic
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Medulla

Hyperplasia, Focal
Hepatocellular Carcinoma
Inflammation, Chronic
Necrosis, Focal
Hepatocellular Carcinoma, Metastatic
Hematopoiesis

Lung
Spleen

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_038

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis

Granuloma, Spermatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_039

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos
Cortex Nos

Hyperplasia, Focal
Hypertrophy, Focal

Bone

Tarsal Joint
Tarsal Joint

Hyperostosis
Metaplasia, Osseous
Follicular-Cell Adenoma

Thyroid

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_040

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Unspecified

Multiple Organs Nos

Necrosis, Focal
Lymphoma, Lymphocytic-Malignant Type
Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_041

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Esophagus		Inflammation, Acute/Chronic
Heart		Necrosis, Focal
Kidney		Pyelonephritis, Acute
Liver		Hepatocellular Carcinoma
		Necrosis, Focal
Lung		Foreign Body, Vegetable
		Hemorrhage
		Inflammation, Acute
Peritoneum		Inflammation, Acute/Chronic
Prostate		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Testis		Degeneration, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_042

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone

Tarsal Joint

Hyperostosis

Pancreas

Tarsal Joint

Metaplasia, Osseous

Atrophy, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_043

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hypertrophy, Focal

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_044

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung	Alveolar/Bronchiolar Adenoma
Prostate	Inflammation, Acute
Spleen	Necrosis, Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_045

TRT#: 3
DOSE: 0

SEX: Male
DISP: Dosing Accident

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Granulocytic
Kidney		Hyperplasia, Tubular Cell
Liver		Hematopoiesis
Lung		Inflammation, Acute
	Pleura Nos	Inflammation, Acute/Chronic
Lymph node	Mesenteric Lymph Node	Angiectasis
Prostate		Inflammation, Acute
Spleen		Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_046

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone

Tarsal Joint

Hyperostosis

Tarsal Joint

Metaplasia, Osseous

Lymph node

Mesenteric Lymph Node

Angiectasis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_047

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Glomerulonephritis, Chronic
Lung		Sarcoma, Nos, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
	Axillary Lymph Node	Sarcoma, Nos, Metastatic
Spleen		Hematopoiesis
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:02
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Bone marrow
Intestine Large
Lung
Unspecified

Capsule

Colon

Multiple Organs Nos

Adenoma, Nos
Hyperplasia, Granulocytic
Parasitism
Leukocytosis, Nos
Lymphoma, Mixed-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_049

TRT#: 3
DOSE: 0

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Liver
Lung
Spleen

Cortex Nos
Perirenal Tissue

Hypertrophy, Focal
Paranglioma, Nos
Hepatocellular Carcinoma
Hepatocellular Carcinoma, Metastatic
Hematopoiesis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C55061
Test Type: Long-Term
Route: Gavage
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tetrakis(hydroxymethyl)phosphonium chloride
CAS Number: 124-64-1

Date Report Requested: 10/26/2014
Time Report Requested: 12:17:03
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_050

TRT#: 3
DOSE: 0

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hypertrophy, Focal
Bone	Tarsal Joint	Hyperostosis
	Tarsal Joint	Metaplasia, Osseous
Bone marrow		Hyperplasia, Granulocytic
Kidney		Infarct, Nos
Liver		Hematopoiesis
Lung		Fibrosarcoma, Metastatic
Lymph node	Mesenteric Lymph Node	Angiectasis
Skeletal muscle		Mineralization
Skin		Inflammation, Acute/Chronic
Spleen		Hematopoiesis
Unspecified		Fibrosarcoma

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****