

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

C Number: C54762

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Papilla

Calcification, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Papilla

Calcification, Nos

Lung

Nephropathy

Testis

Lymphocytic Inflammatory Infiltrate

Unspecified

Tunica Vaginalis

Hyperplasia, Interstitial Cell

Multiple Organs Nos

Mesothelioma, Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Blood vessel

Pulmonary Artery Nos

Calcification, Nos

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Anterior Pituitary

Hyperplasia, Focal

Tunica Vaginalis

Interstitial-Cell Tumor

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Suppurative
	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Hypertrophy, Focal
Lung		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Dilatation, Ducts
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
		Follicular-Cell Adenoma
Tongue		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Hernia, Nos

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Tunica Vaginalis

Mesothelioma, Nos

Unspecified

Abdominal Cavity

Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos
Myocardium Nos

Calcification, Focal
Degeneration, Nos
Nephropathy
Tubular-Cell Adenocarcinoma
Hyperplasia, Nos
Adenoma, Nos
Interstitial-Cell Tumor

Liver
Pituitary gland
Testis

Bile Duct
Intermedia

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver		Congestion, Nos
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Granuloma, Pyogenic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Cortex

Hyperplasia, Tubular Cell

Nephropathy

Pyelonephritis, Focal

Pelvis

Transitional-Cell Papilloma

Bile Duct

Hyperplasia, Nos

Liver

Congestion, Nos

Lung

Acinar-Cell Adenoma

Pancreas

Anterior Pituitary

Hyperplasia, Focal

Pituitary gland

Hyperplasia, Focal

Prostate

Atrophy, Nos

Testis

Interstitial-Cell Tumor

Trachea

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Hyperplasia, Tubular Cell
		Tubular-Cell Adenocarcinoma
Lung		Congestion, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Cyst, Nos
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Salivary gland	Parotid Gland Nos	Atrophy, Nos
Skin	Ear	Squamous Cell Carcinoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Cataract

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Bronchus

Foreign Body, Reaction

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Ileum	Inflammation, Chronic Focal
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Periportal	Degeneration, Lipoid
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Infection, Fungal
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Dilatation, Ducts
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Hyperplasia, Interstitial Cell
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Sclera

Metaplasia, Osseous

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Hyperplasia, Focal

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Papilla

Calcification, Nos

Lung

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Calcification, Focal
		Hyperplasia, Adenomatous
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		Follicular-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma
Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
	Acinus	Hyperplasia, Focal
Parathyroid gland		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Stomach	Glandular Stomach	Dilatation, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Trachea		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
		Calcification, Focal
	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Bile Duct	Hyperplasia, Nos
Parathyroid gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
Liver	Bile Duct	Hyperplasia, Nos
		Necrosis, Focal
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla Cortex	Calcification, Nos Hyperplasia, Tubular Cell Nephropathy
Lung		Inflammation, Chronic Focal Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos Abdominal Cavity	Leukemia, Mononuclear Cell Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Necrosis, Focal

Kidney

Pelvis

Calcification, Focal

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Testis

Nephropathy

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Lower Leg	Acanthosis
	Lower Leg	Hyperkeratosis
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Nephropathy

Liver

Hernia, Nos

Bile Duct

Hyperplasia, Nos

Prostate

Abscess, Nos

Testis

Hyperplasia, Interstitial Cell

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Ear	Canal	Inflammation, Suppurative
	Canal	Papilloma, Nos
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
		Nephropathy
Lung		Inflammation, Interstitial
		Lymphocytic Inflammatory Infiltrate
Pancreas		Periarteritis
Stomach	Forestomach	Hyperplasia, Epithelial
		Inflammation, Acute/Chronic
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Zymbal gland		Squamous Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Epididymis
Heart
Intestine Small
Kidney
Liver
Pituitary gland

Prostate
Testis

Medulla
Cortex

Myocardium Nos
Mucosa, Duodenum

Bile Duct
Anterior Pituitary
Anterior Pituitary

Pheochromocytoma
Astrocytoma
Hyperplasia, Mesothelial
Degeneration, Nos
Fibrosis, Focal
Nephropathy
Hyperplasia, Nos
Cyst, Nos
Hyperplasia, Focal
Hyperplasia, Focal
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung		Granuloma, Foreign Body
Pancreas	Acinus	Atrophy, Nos
Unspecified	Abdominal Cavity	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos
Papilla
Pelvis

Pheochromocytoma
Degeneration, Nos
Calcification, Nos
Hyperplasia, Epithelial
Nephropathy

Liver

Bile Duct

Hernia, Nos
Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Prostate

Hyperplasia, Focal

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Cortex	Abscess, Nos
	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Hyperplasia, Focal
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Prostate

Inflammation, Chronic

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Medulla Oblongata Nos	Demyelination
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Nasal cavity		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart		Inflammation, Chronic Focal
Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Acanthosis
	Tail	Hyperkeratosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Pelvis	Transitional-Cell Papilloma
		Hernia, Nos
Pancreas	Bile Duct	Hyperplasia, Nos
Pituitary gland	Acinus	Hyperplasia, Focal
Testis	Anterior Pituitary	Angiectasis
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone marrow		Mastocytosis
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
	Bronchus	Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Epididymis		Fibrosis, Focal
Eye	Retina	Atrophy, Nos
		Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Nasal cavity		Inflammation, Suppurative
Pancreas		Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Dilatation, Ducts
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:17
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Inflammation, Granulomatous Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Congestion, Nos
		Focal Cellular Change
Lung		Congestion, Nos
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Nasal cavity		Inflammation, Chronic Focal
Pancreas		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Inflammation, Granulomatous
Lung	Alveoli	Histiocytosis
Nasal cavity		Foreign Body, Reaction
		Inflammation, Pyogranulomatous
Prostate		Hyperplasia, Focal
Spleen		Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Eye

Retina

Atrophy, Nos

Heart

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Myocardium Nos

Degeneration, Nos

Nephropathy

Lung

Tubular-Cell Adenocarcinoma

Nasal cavity

Bronchopneumonia, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Suppurative

Testis

Cyst, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Sclera

Metaplasia, Osseous

Kidney

Nephropathy

Prostate

Hyperplasia, Focal

Salivary gland

Parotid Gland Nos

Inflammation, Chronic Focal

Testis

Inflammation, Suppurative

Thymus

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Hemorrhage

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Liver

Bile Duct

Nephropathy

Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:17

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Nephropathy

Lung

Alveolar/Bronchiolar Carcinoma

Prostate

Adenoma, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Inflammation, Chronic
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver		Inflammation, Chronic Focal
Lung		Congestion, Nos
		Lymphocytic Inflammatory Infiltrate
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal Lymphocytic Inflammatory Infiltrate
Nasal cavity		Foreign Body, Nos Inflammation, Acute/Chronic
Pancreas	Acinus	Atrophy, Nos
Testis	Scrotum Nos	Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Foreign Body, Reaction

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Testis

Atrophy, Nos

Unspecified

Mediastinum Nos

Interstitial-Cell Tumor

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow
Kidney

Papilla
Papilla
Cortex

Fibrosis, Focal
Calcification, Nos
Degeneration, Nos
Hyperplasia, Tubular Cell
Nephropathy
Hyperplasia, Nos
Islet-Cell Adenoma
Cyst, Nos
Hyperplasia, Focal
Hyperplasia, Interstitial Cell
Leukemia, Mononuclear Cell

Liver
Pancreas
Pituitary gland

Bile Duct
Islets
Anterior Pituitary
Anterior Pituitary

Testis
Unspecified

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver	Centrilobular	Necrosis, Nos
Lung		Congestion, Nos
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Pancreas	Acinus	Necrosis, Focal
Prostate		Hyperplasia, Focal
Salivary gland	Parotid Gland Nos	Necrosis, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Epididymis		Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Dilatation, Sinus
		Hemorrhage
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Lymph node	Mediastinal Lymph Node	Hemorrhage
	Mediastinal Lymph Node	Mastocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney

Pulmonary Artery Nos
Myocardium Nos
Papilla
Pelvis

Calcification, Focal
Degeneration, Nos
Calcification, Nos
Hyperplasia, Epithelial
Nephropathy
Cytoplasmic Change, Ground-Glass
Hyperplasia, Nos
Inflammation, Suppurative
Hyperplasia, Epithelial
Interstitial-Cell Tumor

Liver

Bile Duct

Nasal cavity
Preputial gland
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Inflammation, Chronic Focal
Lung		Congestion, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Liver

Bile Duct

Nephropathy

Pancreas

Acinus

Hyperplasia, Nos

Testis

Atrophy, Nos

Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Pelvis	Transitional-Cell Papilloma
		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pancreas	Acinus	Atrophy, Focal
	Duct Nos	Hyperplasia, Focal
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic Focal
Unspecified	Mediastinum Nos	Abscess, Nos
Urinary bladder		Lymphocytic Inflammatory Infiltrate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Jejunum	Adenocarcinoma, Nos
Kidney	Papilla Pelvis Cortex	Calcification, Nos Hyperplasia, Epithelial Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct Caudate Lobe	Hyperplasia, Nos Infarct, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Dilatation, Ducts Fibroadenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary Posterior Lobe	Cyst, Nos Hyperplasia, Focal Metaplasia, Osseous
Preputial gland		Inflammation, Acute/Chronic
Spleen		Fibrosarcoma
Testis		Interstitial-Cell Tumor
Thyroid	Tunica Vaginalis	Mesothelioma, Nos C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Multiple Organs Nos	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Heart
Intestine Large
Kidney

Medulla
Pulmonary Artery Nos
Myocardium Nos
Colon
Papilla
Pelvis

Liver
Mammary gland
Pancreas
Testis

Bile Duct

Acinus

Pheochromocytoma
Calcification, Focal
Degeneration, Nos
Parasitism
Calcification, Nos
Hyperplasia, Epithelial
Nephropathy
Hyperplasia, Nos
Fibroadenoma
Hyperplasia, Focal
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Nephropathy

Pancreas

Islets

Islet-Cell Adenoma

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Urinary bladder

Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Liver

Nephropathy

Preputial gland

Inflammation, Chronic Focal

Adenoma, Nos

Testis

Inflammation, Acute/Chronic

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Pyelonephritis, Focal
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
	Periportal	Lipoidosis
Lymph node		Plasmacytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute/Chronic
Testis		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos
Papilla

Pheochromocytoma
Degeneration, Nos
Calcification, Nos
Nephropathy

Liver
Lymph node
Pancreas
Preputial gland

Bile Duct
Mesenteric Lymph Node
Acinus

Pyelonephritis, Focal
Hyperplasia, Nos
Hemorrhage
Hyperplasia, Focal
Abscess, Nos
Hyperplasia, Nos
Keratoacanthoma
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Pancreas

Islets

Islet-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Skin		Keratoacanthoma
Stomach	Forestomach	Dysplasia, Epithelial
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Lung

Congestion, Nos

Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
	Rectum	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Periorbital Region	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Cyst, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, Follicular Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Polyp, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Inflammation, Chronic Focal
Prostate		Inflammation, Chronic Focal
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Periorbital Region	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Nasal cavity		Foreign Body, Reaction
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland		Hemorrhage
Prostate		Hyperplasia, Focal
Stomach	Forestomach	Ulcer, Nos
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Angiectasis

Kidney

Papilla

Calcification, Nos

Pelvis

Hyperplasia, Epithelial

Liver

Bile Duct

Nephropathy

Spleen

Hyperplasia, Nos

Testis

Fibrosis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Testis

Medulla
Myocardium Nos
Rectum

Bile Duct

Tunica Vaginalis

Hyperplasia, Focal
Degeneration, Nos
Parasitism
Nephropathy
Hyperplasia, Nos
Interstitial-Cell Tumor
Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hernia, Nos
		Hyperplasia, Nos
Lung		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Pelvis	Transitional-Cell Carcinoma
Liver	Bile Duct	Hyperplasia, Nos
		Lipoidosis
Nasal cavity		Chondroma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Medulla
Papilla
Pelvis

Fibrosis, Focal
Calcification, Nos
Hyperplasia, Epithelial
Nephropathy
Hyperplasia, Focal
Adenoma, Nos
Interstitial-Cell Tumor

Pancreas
Pituitary gland
Testis

Acinus
Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mucosa, Duodenum	Inflammation, Chronic
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Pancreas	Acinus	Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
		Hyperplasia, Tubular Cell
		Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung	Alveoli	Histiocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Epididymis		Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Cyst, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma
	Periorbital Region	Hemorrhage
	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Granuloma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Lipoma
Kidney	Papilla	Calcification, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary Anterior Pituitary	Adenoma, Nos Cyst, Nos
Prostate		Hyperplasia, Focal
Skin		Keratoacanthoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Bone marrow		Hypoplasia, Nos
Brain		Astrocytoma
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
		Inflammation, Chronic Focal
Prostate		Hyperplasia, Focal
Spleen		Hemosiderosis
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Eye	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Cyst, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node		Pheochromocytoma, Metastatic
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
		Pheochromocytoma, Metastatic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Posterior Lobe	Pheochromocytoma, Metastatic
Unspecified	Abdominal Cavity	Necrosis, Fat
	Mediastinum Nos	Pheochromocytoma, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Bone marrow		Hemorrhage
Intestine Large	Cecum, Colon	Calcification, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Tubular-Cell Adenocarcinoma
Liver	Centrilobular	Dilatation, Sinus
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
		Pyelonephritis, Focal
Liver	Pelvis	Transitional-Cell Papilloma
		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Intermedia	Adenoma, Nos
Prostate		Hyperplasia, Focal
Stomach	Forestomach	Papilloma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung	Alveoli	Histiocytosis
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland		Necrosis, Nos
	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Bone marrow		Necrosis, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Nos
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Bile Duct	Hyperplasia, Nos
	Periportal	Necrosis, Nos
	Hepatocytes	Regeneration, Nos
	Bile Duct	Retention Of Content
Mammary gland		Lactation
Pancreas		Acinar-Cell Adenoma
	Acinus	Atrophy, Focal
Pituitary gland	Intermedia	Cyst, Nos
Spleen		Depletion, Lymphoid
		Necrosis, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Mesentery Nos	Lipoma
Kidney	Papilla	Calcification, Nos
	Pelvis	Hyperplasia, Epithelial
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
	Pelvis	Transitional-Cell Papilloma
Liver	Periportal	Degeneration, Lipoid
		Dilatation, Sinus
		Hemorrhage
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Lymph node	Mediastinal Lymph Node	Mastocytosis
	Mediastinal Lymph Node	Plasmacytosis
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Necrosis, Focal
Spleen		Fibrosis
Unspecified		Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Papilla	Congestion, Nos
	Cortex	Hyperplasia, Tubular Cell
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Lung

Congestion, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney	Cortex	Hyperplasia, Tubular Cell Nephropathy
Liver	Bile Duct	Pyelonephritis, Focal Cytoplasmic Change, Eosinophilic Hyperplasia, Nos Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Mammary gland	Mandibular Lymph Node	Dilatation, Sinus
Pancreas	Mammary Lobule	Hyperplasia, Nos Periarteritis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Spleen		Hyperplasia, Stromal
Testis		Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
	Cortex	Hyperplasia, Tubular Cell
		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney

Medulla
Myocardium Nos

Pheochromocytoma
Degeneration, Nos
Nephropathy
Tubular-Cell Adenocarcinoma

Liver
Lung
Nasal cavity
Pancreas
Pituitary gland

Bile Duct

Hyperplasia, Nos
Alveolar/Bronchiolar Adenoma
Inflammation, Suppurative

Preputial gland
Prostate
Testis
Thymus
Thyroid

Acinus
Anterior Pituitary
Anterior Pituitary

Atrophy, Focal
Adenoma, Nos
Hyperplasia, Focal
Dilatation, Ducts
Hyperplasia, Focal
Interstitial-Cell Tumor
Thymoma, Benign
C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Chronic

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Lymphocytic Inflammatory Infiltrate

Spleen

Leukemia, Mononuclear Cell

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Intestine Large

Rectum

Parasitism

Kidney

Papilla

Calcification, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:18
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

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
	Atrium	Thrombosis, Nos
Intestine Large	Mucosa, Colon	Calcification, Nos
Kidney		Nephropathy
		Pyelonephritis, Focal
Liver	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung		Inflammation, Chronic Focal
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
		Squamous Cell Carcinoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat
Zymbal gland		Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos
	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calcification, Focal
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Focal
Skin		Cyst, Epidermal Inclusion
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Congestion, Nos
Pancreas		Acinar-Cell Adenoma
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
		Pneumonia, Interstitial Chronic
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Carcinoma, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Chronic Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Liver

Degeneration, Lipoid

Bile Duct

Hyperplasia, Nos

Lung

Necrosis, Focal

Congestion, Nos

Testis

Lymphocytic Inflammatory Infiltrate

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Periportal	Lipoidosis
Lung		Congestion, Nos
	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Inflammation, Acute Focal
Testis	Spermatid	Cytomegaly
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Chronic Focal
Nasal cavity		Inflammation, Pyogranulomatous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Liver

Centrilobular

Necrosis, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver		Clear-Cell Change
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Tail	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Brain		Infarct, Nos
Heart	Myocardium Nos	Necrosis, Focal
Kidney	Tubule	Pigmentation, Nos
Liver	Bile Duct Centrilobular	Hyperplasia, Nos Lipoidosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
	Colon	Parasitism
Kidney	Papilla	Calcification, Nos
		Nephropathy
		Pyelonephritis, Focal
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Hemorrhage
Eye		Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Congestion, Nos
Mammary gland		Lactation
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
		Hemorrhage
Prostate		Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Prostate

Anterior Pituitary

Hyperplasia, Focal

Testis

Hyperplasia, Focal

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Centrilobular

Necrosis, Nos

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Liver

Nephropathy

Hernia, Nos

Bile Duct

Hyperplasia, Nos

Nasal cavity

Inflammation, Suppurative

Pancreas

Acinus

Atrophy, Focal

Prostate

Adenoma, Nos

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos Neurilemoma
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pancreas	Duct Nos	Hyperplasia, Cystic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hematopoiesis

Brain

Hyperplasia, Focal

Heart

Astrocytoma

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Papilla

Calcification, Focal

Prostate

Bile Duct

Calcification, Nos

Spleen

Nephropathy

Stomach

Glandular Stomach

Hyperplasia, Nos

Testis

Glandular Stomach

Hyperplasia, Focal

Unspecified

Fibrosis

Calcification, Focal

Necrosis, Focal

Interstitial-Cell Tumor

Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Spleen		Hyperplasia, Stromal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel		Periarteritis
Brain		Astrocytoma
Intestine Small	Mucosa, Ileum	Calcification, Nos
Kidney		Lipoma
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Kidney	Papilla	Calcification, Nos Nephropathy
Liver	Bile Duct	Cytoplasmic Change, Ground-Glass Hyperplasia, Nos Regeneration, Nos
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell Sarcoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Periorbital Region	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Eye

Cortex Nos

Lipoidosis

Heart

Sclera

Metaplasia, Osseous

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Nephropathy

Degeneration, Lipoid

Mammary gland

Regeneration, Nos

Nasal cavity

Lactation

Testis

Inflammation, Suppurative

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Regeneration, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Prostate		Hyperplasia, Focal Inflammation, Chronic Focal
Spleen		Necrosis, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Pheochromocytoma

Kidney

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Prostate

Inflammation, Chronic Focal

Testis

Interstitial-Cell Tumor

Thyroid

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos Nephropathy
Liver	Bile Duct	Clear-Cell Change Hyperplasia, Nos
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Acinar-Cell Adenoma
Pituitary gland	Anterior Pituitary Anterior Pituitary	Atrophy, Focal Angiectasis
Prostate		Hyperplasia, Focal
Testis		Hyperplasia, Focal Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Lipoidosis
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Adenoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Epididymis

Inflammation, Chronic Focal

Eye

Retina

Atrophy, Nos

Cataract

Heart

Sclera

Metaplasia, Osseous

Intestine Large

Myocardium Nos

Degeneration, Nos

Kidney

Mucosa, Colon

Calcification, Nos

Liver

Bile Duct

Nephropathy

Lung

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Inflammation, Chronic Focal

Testis

Adenoma, Nos

Thyroid

Interstitial-Cell Tumor

C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Brain	Cortex	Hemorrhage
Eye	Retina	Atrophy, Nos
		Hemorrhage
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Hemorrhage
		Inflammation, Chronic Focal
Mammary gland		Lactation
Pancreas	Islets	Islet-Cell Adenoma
Prostate		Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Blood vessel
Eye

Cortex Nos

Degeneration, Lipoid
Calcification, Nos
Cataract

Heart
Liver

Sclera
Myocardium Nos

Metaplasia, Osseous
Degeneration, Nos
Necrosis, Focal
Regeneration, Nos

Testis
Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor
Leukemia, Mononuclear Cell
Neoplasm, Benign, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Eye		Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Lipoidosis
Nasal cavity		Inflammation, Pyogranulomatous
Pancreas	Islets	Islet-Cell Adenoma
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Ultimobranchial
Unspecified		Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762
Test Type: Long-Term
Route: Gavage
Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Dimethyl methylphosphonate
CAS Number: 756-79-6

Date Report Requested: 10/26/2014
Time Report Requested: 11:04:18
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_037

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Epididymis		Mesothelioma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephrosis, Hydro
	Tubule	Pigmentation, Nos
Liver	Bile Duct	Hyperplasia, Nos
	Centrilobular	Lipoidosis
Mammary gland		Lactation
Nasal cavity		Inflammation, Suppurative
Pancreas		Adenocarcinoma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Salivary gland		Neurilemoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Adenocarcinoma, Nos, Metastatic
	Multiple Organs Nos	Mesothelioma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Degeneration, Nos

Unspecified

Multiple Organs Nos

Congestion, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Intestine Small	Mucosa, Ileum	Calcification, Nos
	Duodenum	Ectopia
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver		Clear-Cell Change
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Preputial gland		Adenoma, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Papilla

Necrosis, Nos

Tubule

Pigmentation, Nos

Liver

Clear-Cell Change

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Pancreas

Acinus

Atrophy, Focal

Testis

Interstitial-Cell Tumor

Thyroid

Hyperplasia, C Cell

Unspecified

Multiple Organs Nos

Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Preputial gland

Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Interstitial
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Prostate		Hyperplasia, Focal
Skin		Squamous Cell Papilloma
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Dosing Accident

HISTO:

OBSERVATIONS

Heart

Myocardium Nos

Degeneration, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone	Skull	Osteoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
	Bronchus	Lymphocytic Inflammatory Infiltrate
Mammary gland		Galactocele
Testis		Hyperplasia, Interstitial Cell
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Bone	Sternum	Traumatic Abnormality
Brain		Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Lipoidosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Hyperplasia, Focal
		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Nasal cavity

Inflammation, Acute Focal

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Lung

Congestion, Nos

Mammary gland

Lactation

Nasal cavity

Inflammation, Pyogranulomatous

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos Atrium	Degeneration, Nos Thrombus, Organized
Intestine Large	Colon	Parasitism
Kidney	Papilla	Calcification, Nos Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Testis		Interstitial-Cell Tumor
Unspecified	Adipose Tissue	Necrosis, Fat

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C54762

Test Type: Long-Term

Route: Gavage

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Dimethyl methylphosphonate

CAS Number: 756-79-6

Date Report Requested: 10/26/2014

Time Report Requested: 11:04:18

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Intestine Small

Kidney
Liver

Testis
Thyroid
Unspecified

Cortex Nos
Myocardium Nos
Colon
Ileum, Ileum
Mesentery Nos
Papilla
Bile Duct

Hyperplasia, Focal
Degeneration, Nos
Parasitism
Hyperplasia, Lymphoid
Necrosis, Fat
Calcification, Nos
Hyperplasia, Nos
Inflammation, Chronic Focal
Interstitial-Cell Tumor
Hyperplasia, C Cell
Fibroma

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****