

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: 14:35:07

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: Female

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Brain
Clitoral gland

Pulmonary Artery Nos

Calcification, Focal
Carcinoma, Nos, Invasive
Adenoma, Nos
Dilatation, Ducts

Eye
Heart

Sclera
Myocardium Nos
Myocardium Nos

Metaplasia, Osseous
Degeneration, Nos
Fibrosis, Focal

Mammary gland
Pituitary gland

Anterior Pituitary

Lactation
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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Uterus

Endometrial Stromal Polyp

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Kidney	Pelvis	Calcification, Focal
		Nephropathy
Liver		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		C-Cell Adenoma
Tongue		Squamous Cell Carcinoma
Uterus		Endometrial Stromal Polyp

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Liver

Inflammation, Chronic Focal

Lung

Alveoli

Histiocytosis

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Hyperplasia, Focal

Unspecified

Fibroma

Fibrosarcoma

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Congenital Malformation, Nos

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Chronic Focal

Mammary gland

Alveoli

Histiocytosis

Ovary

Lactation

Pituitary gland

Anterior Pituitary

Cyst, Nos

Anterior Pituitary

Cyst, Nos

Spleen

Hyperplasia, Focal

Hemosiderosis

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Ear		Neurilemoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Calcification, Focal
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Cyst, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Liver		Hernia, Nos
Lung	Alveoli	Histiocytosis
	Bronchus	Hyperplasia, Lymphoid

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Lipoidosis
		Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Lactation
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Angiectasis
Thymus		Cyst, Nos
Thyroid		C-Cell Carcinoma
Trachea		Inflammation, Chronic Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Granular-Cell Tumor, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
	Colon	Parasitism
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Calcification, Focal
	Alveoli	Histiocytosis
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Chronic
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
	Periportal	Inflammation, Chronic
Mammary gland		Fibroadenoma
	Mammary Lobule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	Fibroma
	Endometrium	Hyperplasia, Cystic

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Thrombosis, Nos

Pituitary gland

Anterior Pituitary

Cyst, Nos

Spleen

Hematopoiesis

Uterus

Decidual Alteration, Nos

Vagina

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Pelvis

Calcification, Focal

Liver

Periportal

Lipoidosis

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Anterior Pituitary

Cyst, Nos

Uterus

Hematopoiesis

Endometrial Stromal Sarcoma

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Liver
Mammary gland
Unspecified

Bile Duct
Multiple Organs Nos

Hyperplasia, Nos
Lactation
Lymphoma, Nos-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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Thyroid

Cyst, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Inflammation, Acute Necrotizing
Spleen		Hemosiderosis
Thymus		Hemorrhage
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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Histiocytosis
		Lymphocytic Inflammatory Infiltrate
Mammary gland		Fibroadenoma
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Ovary		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Eye

Sclera

Inflammation, Acute/Chronic

Heart

Myocardium Nos

Degeneration, Nos

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Spleen

Hemosiderosis

Thyroid

Hyperplasia, C Cell

Zymbal gland

Squamous Cell Carcinoma

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Clitoral gland

Kidney

Liver

Pelvis

Bile Duct

Periportal

Mammary gland

Pituitary gland

Unspecified

Anterior Pituitary

Multiple Organs Nos

Endometrium

Uterus

Retention Of Content

Calcification, Focal

Bile Stasis

Hyperplasia, Nos

Lipoidosis

Inflammation, Chronic

Lactation

Hyperplasia, Focal

Fibroma

Leukemia, Mononuclear Cell

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Eye

Retina

Atrophy, Nos

Cataract

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Nephropathy

Liver

Hernia, Nos

Pituitary gland

Bile Duct

Hyperplasia, Nos

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hyperplasia, Focal

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Pelvis

Hyperplasia, Epithelial

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

Thymus

Hemorrhage

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Carcinoma

Eye

Retina

Hyperplasia, Focal

Atrophy, Nos

Cataract

Heart

Sclera

Metaplasia, Osseous

Liver

Myocardium Nos

Degeneration, Nos

Lung

Bile Duct

Hyperplasia, Nos

Mammary gland

Inflammation, Chronic Focal

Pancreas

Islets

Lactation

Pituitary gland

Anterior Pituitary

Islet-Cell Adenoma

Unspecified

Anterior Pituitary

Adenoma, Nos

Lumbar Region

Hyperplasia, Focal

Chordoma

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye

Retina

Atrophy, Nos

Liver

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Cyst, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytomegaly
	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Spleen

Hematopoiesis

Uterus

Endometrial Stromal Polyp

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Pituitary gland

Anterior Pituitary

Cyst, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Inflammation, Granulomatous Focal
Brain	Lateral Ventricle Nos	Dilatation, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, 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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Granulomatous Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		Follicular-Cell Carcinoma
Tongue		Hyperplasia, Epithelial

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: 14:35:07

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone marrow		Inflammation, Granulomatous Focal
Intestine Large	Cecum, Colon	Parasitism
Liver		Cytoplasmic Change, Basophilic
	Periportal	Inflammation, Chronic
Lung		Hemorrhage
	Alveoli	Histiocytosis
	Bronchus	Lymphocytic Inflammatory Infiltrate
Nasal cavity		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Intermedia	Hemorrhage
Thymus		Hyperplasia, Epithelial
Thyroid		Follicular-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Mammary gland		Lactation
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Ground-Glass
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrium	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Bone marrow		Fibrosis, Focal
Kidney	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Eye

Nasolacrimal Duct

Inflammation, Chronic

Kidney

Papilla

Calcification, Nos

Pelvis

Dilatation, Nos

Lung

Alveoli

Histiocytosis

Pituitary gland

Anterior Pituitary

Hyperplasia, Focal

Thyroid

Hyperplasia, C Cell

Unspecified

Rhabdomyosarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Histiocytosis

Mammary gland

Adenoma, Nos

Lactation

Pituitary gland

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hyperplasia, Focal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Mucosa, Colon	Calcification, Nos
Kidney		Calcification, Focal
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Cyst, Nos
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Inflammation, Chronic Focal
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Lactation
Oral mucosa	Palate Nos	Squamous Cell Papilloma
Pancreas	Acinus	Atrophy, Focal
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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Clitoral gland		Retention Of Content
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lymph node	Mediastinal Lymph Node	Lymphangiectasis
Mammary gland		Fibroadenoma
	Mammary Duct	Hyperplasia, Focal
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, Cystic
Unspecified	Mediastinum Nos	Abscess, Nos
	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Cyst, Nos
Pancreas	Acinus	Atrophy, Focal
		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Periarteritis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cortical Adenoma

Liver

Degeneration, Lipoid

Mammary gland

Bile Duct

Hernia, Nos

Pancreas

Acinus

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Lactation

Unspecified

Multiple Organs Nos

Atrophy, Focal

Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Hemorrhage
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
		Lactation
Pancreas		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver
Lung
Pituitary gland

Cortex Nos
Myocardium Nos
Cecum, Colon

Alveoli
Anterior Pituitary

Degeneration, Lipoid
Degeneration, Nos
Calcification, Nos
Nephropathy
Inflammation, Chronic Focal
Histiocytosis
Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung

Congestion, Nos

Spleen

Hemosiderosis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Pancreas

Acinus

Atrophy, Focal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Inflammation, Granulomatous
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Dilatation, Ducts
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Clear-Cell Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Lactation
Spleen		Leukemia, Mononuclear 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 001.0 G/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calcification, Focal
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Squamous Cell Carcinoma, Metastatic
Oral mucosa	Mouth Nos	Squamous Cell Carcinoma
Pancreas	Acinus	Atrophy, Nos
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Heart

Liver

Mammary gland

Pituitary gland

Retina

Myocardium Nos

Bile Duct

Anterior Pituitary

Dilatation, Ducts

Atrophy, Nos

Cataract

Degeneration, Nos

Hyperplasia, Nos

Inflammation, Chronic Focal

Fibroadenoma

Lactation

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Esophagus	Periesophageal Tissue
Heart	Myocardium Nos
Intestine Small	Duodenum
Liver	Periportal
Lung	
Pituitary gland	Anterior Pituitary

Hemorrhage
Degeneration, Nos
Inflammation, Chronic
Lipoidosis
Congestion, Nos
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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Retina	Atrophy, Nos Cataract
	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Eye

Kidney

Liver

Mammary gland

Pancreas

Pituitary gland

Unspecified

Uterus

Retina

Pelvis

Bile Duct

Acinus

Anterior Pituitary

Anterior Pituitary

Endometrium

Dilatation, Ducts

Atrophy, Nos

Cataract

Calcification, Focal

Hyperplasia, Nos

Fibroadenoma

Lactation

Atrophy, Focal

Adenoma, Nos

Hyperplasia, Focal

Fibroma

Endometrial Stromal Polyp

Hyperplasia, Cystic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Retina	Atrophy, Nos Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Congenital Malformation, Nos Hyperplasia, Nos Inflammation, Chronic Focal
Mammary gland		Lactation
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Heart

Kidney

Liver

Lung

Mammary gland

Pancreas

Pituitary gland

Myocardium Nos

Pelvis

Bile Duct

Alveoli

Acinus

Anterior Pituitary

Cortical Adenoma

Degeneration, Nos

Calcification, Focal

Hyperplasia, Nos

Histiocytosis

Lactation

Atrophy, Focal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

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
Intestine Large	Rectum	Parasitism
Kidney	Pelvis	Calcification, Focal
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Angiectasis
	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Lung		Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Posterior Lobe	Metaplasia, Osseous

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
		Neoplastic Nodule
Lung		Inflammation, Chronic Focal
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Kidney
Liver
Mammary gland

Medulla
Myocardium Nos
Papilla
Bile Duct

Hyperplasia, Focal
Degeneration, Nos
Calcification, Nos
Hyperplasia, Nos
Fibroadenoma
Lactation
Atrophy, Focal
Adenoma, Nos
Leukemia, Mononuclear Cell
Endometrial Stromal Polyp

Pancreas
Pituitary gland
Unspecified
Uterus

Acinus
Anterior Pituitary
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Medulla

Pheochromocytoma

Liver

Lipoidosis

Mammary gland

Lactation

Pituitary gland

Cyst, Nos

Unspecified

Anterior Pituitary

Leukemia, Mononuclear Cell

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver
Mammary gland

Pulmonary Artery Nos
Pelvis

Calcification, Focal
Calcification, Focal
Inflammation, Chronic Focal
Fibroadenoma
Lactation
Atrophy, Focal
Cyst, Nos
Hyperplasia, C Cell

Pancreas
Pituitary gland
Thyroid

Acinus
Anterior Pituitary

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calcification, Focal

Cortex

Fibrosis, Focal

Nephropathy

Liver

Inflammation, Chronic Focal

Necrosis, Focal

Mammary gland

Lactation

Ovary

Sertoli-Cell Tumor

Pituitary gland

Anterior Pituitary

Cyst, Nos

Salivary gland

Adenocarcinoma, Nos

Uterus

Leiomyosarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Liver

Medulla

Hyperplasia, Focal
Cytoplasmic Change, Ground-Glass

Lung
Lymph node
Mammary gland

Bile Duct
Alveoli

Hyperplasia, Nos
Histiocytosis
Plasmacytosis

Pituitary gland
Unspecified
Uterus

Anterior Pituitary

Fibroadenoma
Hyperplasia, Focal
Fibroma
Adenocarcinoma, 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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Stomach	Glandular Stomach	Inflammation, Serous
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Calcification, Focal
		Nephropathy
Liver		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Adenocarcinoma, Nos
		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrium	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Brain	Choroid Plexus Nos	Hyperplasia, Nos
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Endometrial Stromal Sarcoma, Invasive
Kidney	Papilla	Calcification, Nos
		Nephropathy
Liver	Hepatocytes	Hyperplasia, Diffuse
		Necrosis, Focal
Lung	Alveoli	Histiocytosis
		Pneumonia, Interstitial Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
Thyroid		Hyperplasia, C Cell
Urinary bladder		Endometrial Stromal Sarcoma, Invasive
Uterus		Endometrial Stromal Sarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Hyperplasia, Lymphoid
Kidney		Nephropathy
Liver		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Large
Kidney
Liver

Medulla
Myocardium Nos
Colon

Hyperplasia, Focal
Degeneration, Nos
Parasitism
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Congestion, Nos
Lactation
Adenoma, Nos

Bile Duct

Lung
Mammary gland
Pituitary gland

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
Lung		Atelectasis
	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Degeneration, Lipoid Pheochromocytoma
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
Spleen		Hematopoiesis
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Heart

Pericardium Nos

Inflammation, Fibrinous

Liver

Periportal

Metamorphosis, Fatty

Unspecified

Mediastinum Nos

Inflammation, Fibrinous

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
	Cortex Nos	Necrosis, Nos
	Medulla	Pheochromocytoma
	Medulla	Pheochromocytoma, Malignant
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Jejunum	Adenomatous Polyp, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
		Nephropathy
Liver		Congestion, Nos
		Hemorrhage
		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
		Hemorrhage
Lung		Lactation
Mammary gland		
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Metaplasia, Osseous
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma, Malignant
Bone marrow		Hyperplasia, Granulocytic
Brain	Aqueduct Of Sylvius Nos	Dilatation, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		C-Cell Carcinoma
Uterus		Adenocarcinoma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Nephropathy

Liver

Cytoplasmic Change, Eosinophilic

Bile Duct

Hyperplasia, Nos

Inflammation, Chronic Focal

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Hyperplasia, C 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Cecum, Colon	Calcification, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Inflammation, Chronic Focal
Mammary gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Cortex Nos	Lipoidosis
Brain		Scar
Liver	Centrilobular	Degeneration, Nos
	Bile Duct	Hyperplasia, Nos
		Lipoidosis
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Mammary gland		Lactation
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Angiectasis
Thyroid		Hyperplasia, C Cell
Unspecified	Mediastinum Nos	Hemosiderosis
		Myxosarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calcification, Focal

Papilla

Calcification, Nos

Nephropathy

Liver

Inflammation, Chronic Focal

Lung

Inflammation, Chronic Focal

Mammary gland

Lactation

Pancreas

Acinus

Atrophy, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

Anterior Pituitary

Angiectasis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye
Pituitary gland
Uterus

Retina
Anterior Pituitary

Atrophy, Nos
Adenoma, Nos
Leiomyosarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Heart	Myocardium Nos	Degeneration, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye	Retina	Atrophy, Nos Cataract
Kidney	Sclera	Metaplasia, Osseous
	Pelvis	Calcification, Focal
	Pelvis	Hyperplasia, Epithelial
Lung	Alveoli	Histiocytosis
Mammary gland		Adenocarcinoma, Nos
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		C-Cell Adenoma
Uterus		Endometrial Stromal Sarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
Eye	Retina	Atrophy, Nos
		Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thymus		Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Papilla

Calcification, Nos

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Regeneration, Nos

Mammary gland

Lactation

Thymus

Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Atrophy, Focal
Clitoral gland		Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Abscess, Nos
		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Lung

Congestion, Nos

Uterus

Endometrium

Hyperplasia, Stromal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Inflammation, Chronic
Liver		Inflammation, Granulomatous Focal
Lung	Alveoli	Histiocytosis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain		Carcinoma, Nos, Invasive
Ear		Fibrosarcoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Lung		Fibrosarcoma, Metastatic
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Carcinoma, Nos
	Anterior Pituitary	Cyst, Nos
Salivary gland		Fibrosarcoma
Thyroid		Cyst, Ultimobranchial

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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 500.0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Clitoral gland		Adenoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney	Pelvis	Calcification, Focal
	Cortex	Cyst, Nos
Liver		Angiectasis
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Calcification, Focal

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Inflammation, Chronic Focal

Uterus

Fibroadenoma

Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Eye

Sclera

Metaplasia, Osseous

Kidney

Pelvis

Calcification, Focal

Liver

Hyperplasia, Nodular

Inflammation, Chronic Focal

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain

Glioma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Cyst, Nos
		Focal Cellular Change
Lung	Alveoli	Histiocytosis
Mammary gland		Adenoma, Nos
		Lactation
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Unspecified		Fibroma
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Heart
Intestine Small
Kidney
Liver

Cortex Nos
Myocardium Nos
Mesentery Nos

Degeneration, Lipoid
Degeneration, Nos
Necrosis, Fat
Nephropathy
Angiectasis
Clear-Cell Change
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal

Lung
Mammary gland

Alveoli

Histiocytosis
Fibroadenoma
Lactation

Pituitary gland
Spleen
Thyroid

Anterior Pituitary

Adenoma, Nos
Granuloma, Nos
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland		Adenoma, Nos
Intestine Large	Mucosa, Colon	Calcification, Nos
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
Thymus		Cyst, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
	Adipose Tissue	Necrosis, Nos
Uterus	Cervix Uteri	Abscess, Nos
		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel
Heart
Kidney
Liver

Pulmonary Artery Nos
Myocardium Nos

Calcification, Focal
Degeneration, Nos
Nephropathy
Deformity, Nos
Hyperplasia, Nos
Inflammation, Chronic Focal
Histiocytosis
Lactation
Adenoma, Nos
C-Cell Carcinoma

Bile Duct

Lung
Mammary gland
Pituitary gland
Thyroid

Alveoli

Anterior Pituitary

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

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	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Stomach	Forestomach	Inflammation, Chronic Focal
Thymus		Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 500.0 MG/KG

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Liver

Bile Duct

Hyperplasia, Nos

Centrilobular

Lipoidosis

Regeneration, Nos

Mammary gland

Lactation

Tooth

Inflammation, Acute/Chronic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Follicular-Cell Adenoma
		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Cervix Uteri	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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_002

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland Clitoral gland	Medulla	Pheochromocytoma Adenoma, Nos Hyperplasia, Nos Inflammation, Acute/Chronic
Heart Liver	Myocardium Nos Bile Duct	Degeneration, Nos Cytoplasmic Change, Basophilic Hyperplasia, Nos Inflammation, Chronic Focal
Mammary gland Pituitary gland	Anterior Pituitary Anterior Pituitary	Lactation Cyst, Nos Hyperplasia, Focal
Spleen Thyroid	Capsule	Hyperplasia, Focal C-Cell Carcinoma
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Clitoral gland		Carcinoma, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Heart

Liver

Lung

Mammary gland

Pituitary gland

Thyroid

Uterus

Myocardium Nos

Bile Duct

Alveoli

Anterior Pituitary

Cervix Uteri

Hypoplasia, Nos

Degeneration, Nos

Hyperplasia, Nos

Histiocytosis

Fibroadenoma

Lactation

Adenoma, Nos

Hyperplasia, C Cell

Hyperplasia, Epithelial

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Cortex Nos

Degeneration, Lipoid

Cortex Nos

Hyperplasia, Focal

Blood vessel

Inflammation, Chronic

Kidney

Periarteritis

Liver

Hernia, Nos

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Thyroid

C-Cell Adenoma

Uterus

Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
		Nephropathy
Liver		Hernia, Nos
	Bile Duct	Hyperplasia, Nos
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
Liver		Congenital Malformation, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrial Gland	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Liver

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Foreign Body, Reaction

Nasal cavity

Foreign Body, Reaction

Pituitary gland

Anterior Pituitary

Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver	Periportal	Lipoidosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Salivary gland	Parotid Duct	Necrosis, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Liver

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Inflammation, Chronic Focal

Pancreas

Acinus

Histiocytosis

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Thyroid

Hyperplasia, Focal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Ear		Neurilemoma
Kidney	Papilla	Calcification, Nos
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Astrocytoma
Clitoral gland		Retention Of Content
Heart	Myocardium Nos	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Posterior Lobe	Pigmentation, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Bone	Cartilage,Nos	Necrosis, Nos
Eye	Retina	Atrophy, Nos
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
Liver		Nephropathy
		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Ground-Glass
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Spleen		Hematopoiesis
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Lipoidosis
Brain		Infarct, Hemorrhagic
Clitoral gland		Adenoma, Nos
		Inflammation, Acute
Eye	Retina	Atrophy, Nos
		Cataract
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Regeneration, Nos
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hemorrhage
	Anterior Pituitary	Hyperplasia, Focal
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland Clitoral gland	Cortex Nos	Degeneration, Lipoid Adenoma, Nos Inflammation, Acute Retention Of Content
Kidney Liver Lung Mammary gland	Pelvis Centrilobular	Calcification, Focal Lipoidosis Pneumonia, Interstitial Chronic Fibroadenoma Lactation
Nasal cavity Ovary Pituitary gland	Anterior Pituitary Anterior Pituitary Anterior Pituitary	Foreign Body, Reaction Cyst, Corpus Luteum Cyst, Nos Hemorrhage Hyperplasia, Focal
Spleen Thymus Thyroid Unspecified	Mediastinum Nos	Hematopoiesis Hyperplasia, Epithelial Hyperplasia, C Cell Hemorrhage Osteosarcoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Eye		Cataract
	Retina	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Intestine Small	Ileum, Ileum	Hyperplasia, Lymphoid
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Liver		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Posterior Lobe	Gliosis
	Anterior Pituitary	Hyperplasia, Focal
Uterus	Endometrium	Hyperplasia, Stromal

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Papilla

Calcification, Nos

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Regeneration, Nos

Pituitary gland

Lactation

Unspecified

Anterior Pituitary

Adenoma, Nos

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calcification, Focal

Liver

Papilla

Calcification, Nos

Mammary gland

Bile Duct

Hernia, Nos

Hyperplasia, Nos

Fibroadenoma

Galactocele

Lactation

Pituitary gland

Anterior Pituitary

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney	Papilla	Calcification, Nos
Liver		Inflammation, Chronic Focal
Lung		Hemorrhage
	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Thyroid		C-Cell Carcinoma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Kidney	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

DOSE: 0

SEX: Female

DISP: Natural Death

DAY ON TEST:

HISTO:

OBSERVATIONS

Liver

Uterus

Hernia, Nos

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Duodenum	Ulcer, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Uterus		Endometrial Stromal Polyp

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Blood vessel

Pulmonary Artery Nos

Calcification, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Cytoplasmic Change, Ground-Glass

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver		Cytoplasmic Change, Basophilic
Lung		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Mediastinum Nos	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
Mammary gland		Adenoma, Nos
Pituitary gland	Anterior Pituitary	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Kidney

Liver

Lung

Mammary gland

Pituitary gland

Spleen

Papilla

Anterior Pituitary

Hypoplasia, Nos

Calcification, Nos

Inflammation, Chronic Focal

Inflammation, Chronic Focal

Lactation

Adenoma, Nos

Hemosiderosis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Papilla

Calcification, Nos

Liver

Cytoplasmic Change, Basophilic

Lung

Congestion, Nos

Pituitary gland

Anterior Pituitary

Angiectasis

Anterior Pituitary

Hemorrhage

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney

Pelvis

Calcification, Focal

Calcification, Focal

Papilla

Calcification, Nos

Nephropathy

Liver

Cytoplasmic Change, Basophilic

Inflammation, Chronic Focal

Lung

Alveoli

Histiocytosis

Mammary gland

Fibroadenoma

Lactation

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Angiectasis
Salivary gland	Major Sublingual Duct	Hyperplasia, Epithelial
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Liver

Congenital Malformation, Nos

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Lung

Inflammation, Chronic Focal

Mammary gland

Adenoma, Nos

Lactation

Pituitary gland

Anterior Pituitary

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cyst, Nos

Heart

Cortex Nos

Degeneration, Lipoid

Kidney

Myocardium Nos

Degeneration, Nos

Liver

Papilla

Calcification, Nos

Bile Duct

Hernia, Nos

Mammary gland

Hyperplasia, Nos

Pituitary gland

Regeneration, Nos

Stomach

Anterior Pituitary

Lactation

Thyroid

Glandular Stomach

Cyst, Nos

Unspecified

Dilatation, Nos

C-Cell Carcinoma

Uterus

Multiple Organs Nos

Fibroma

Endometrium

Leukemia, Mononuclear Cell

Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Lipoidosis

Clitoral gland

Adenoma, Nos

Kidney

Pelvis

Calcification, Focal

Liver

Centrilobular

Necrosis, Nos

Lung

Alveolar/Bronchiolar Adenoma

Mammary gland

Lactation

Pancreas

Acinus

Atrophy, Focal

Spleen

Hematopoiesis

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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_036

TRT#: 3
DOSE: 0

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Eye		Cataract
	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
	Periportal	Lipoidosis
Lung	Alveoli	Histiocytosis
		Inflammation, Interstitial
Mammary gland		Lactation
Pancreas		Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hemosiderosis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Acute
Thymus		Atrophy, Nos
Tongue		Squamous Cell Papilloma

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Cortical Adenoma

Blood vessel

Pulmonary Artery Nos

Pheochromocytoma

Kidney

Pelvis

Calcification, Focal

Liver

Bile Duct

Calcification, Focal

Mammary gland

Nephropathy

Pancreas

Acinus

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Necrosis, Focal

Unspecified

Multiple Organs Nos

Fibroadenoma

Lactation

Atrophy, Focal

Adenoma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Heart

Myocardium Nos

Degeneration, Nos

Liver

Cytoplasmic Change, Basophilic

Mammary gland

Lactation

Skin

Head Nos

Squamous Cell Papilloma

Spleen

Hemosiderosis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
		Cytoplasmic Change, Ground-Glass
		Focal Cellular Change
	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Fibroadenoma
		Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Papilla

Calcification, Nos

Liver

Clear-Cell Change

Lung

Alveoli

Cytoplasmic Change, Eosinophilic

Mammary gland

Histiocytosis

Adenocarcinoma, Nos

Pituitary gland

Anterior Pituitary

Lactation

Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel

Eye

Kidney

Liver

Mammary gland

Skin

Unspecified

Papilla

Multiple Organs Nos

Aneurysm

Cataract

Calcification, Nos

Cytoplasmic Change, Basophilic

Lactation

Cyst, Epidermal Inclusion

Periarteritis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Eye	Retina	Atrophy, Nos Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Cyst, Nos
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

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
Liver		Clear-Cell Change
Lung	Alveoli	Histiocytosis
Mammary gland		Adenocarcinoma, Nos
		Lactation
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Pulmonary Artery Nos	Calcification, Focal
Clitoral gland		Dilatation, Ducts
Eye	Retina	Atrophy, Nos
		Cataract
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
	Papilla	Calcification, Nos
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Galactocele
		Lactation
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Eye	Retina	Atrophy, Nos
		Cataract
	Sclera	Metaplasia, Osseous
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Mammary gland		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Angiectasis
Thyroid		C-Cell Adenoma
		Hyperplasia, C Cell
Uterus	Endometrium	Cyst, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal
Liver		Clear-Cell Change
		Congenital Malformation, Nos
Mammary gland		Fibroadenoma
		Lactation
Pituitary gland	Anterior Pituitary	Adenoma, 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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Terminal Sacrifice

HISTO:

OBSERVATIONS

Kidney	Papilla	Calcification, Nos
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Lung	Alveoli	Histiocytosis
Mammary gland		Lactation
Ovary		Cyst, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Cyst, Nos
	Anterior Pituitary	Hyperplasia, Focal
Thymus		Hyperplasia, Epithelial
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	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: 14:35:08
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_048

TRT#: 3
DOSE: 0

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Degeneration, Nos
Kidney	Pelvis	Calcification, Focal Calcification, Focal Nephropathy
Liver		Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Histiocytosis
Mammary gland		Fibroadenoma
	Mammary Duct	Hyperplasia, Nos Lactation
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Angiectasis
	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis

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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Degeneration, Lipoid
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Papilla	Calcification, Nos
Liver		Lipoidosis
Lung		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Angiectasis
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: 14:35:08

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Degeneration, Lipoid

Heart

Myocardium Nos

Degeneration, Nos

Kidney

Pelvis

Calcification, Focal

Papilla

Calcification, Nos

Liver

Bile Duct

Hyperplasia, Nos

Mammary gland

Lactation

Nasal cavity

Foreign Body, Reaction

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****