

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C54762
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Congestion, Nos

Bone marrow

Brain

Spleen

Uterus

Endometrium

Hyperplasia, Nos

Fibrosis, Myelo

Calcification, Focal

Hematopoiesis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Bone marrow		Granuloma, Nos
Brain		Calcification, Focal
Liver		Hematopoiesis
Lymph node		Hyperplasia, Nos
	Lumbar Lymph Node	Plasmacytosis
Nasal cavity	Turbinate Nos	Foreign Body, Reaction
Ovary		Abscess, Nos
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Calcification, Focal
Unspecified	Abdominal Cavity	Inflammation, Suppurative
	Mediastinum Nos	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Brain

Spleen

Uterus

Endometrium

Hemorrhage

Hematopoiesis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Brain  
Spleen

Calcification, Focal  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Spleen

Capsule

Hyperplasia, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_012

**TRT#:** 1  
**DOSE:** 002.0 G/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Uterus

Capsule  
Endometrium

Hyperplasia, Nos  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Spleen

Uterus

Endometrium

Congestion, Nos

Hematopoiesis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen  
Unspecified

Multiple Organs Nos

Hematopoiesis  
Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Lymphoid

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Nos
Spleen		Hematopoiesis
Urinary bladder		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Atelectasis  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung  
Spleen

Congestion, Nos  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain	Meninges	Perivascular Cuffing
Heart	Cardiac Valve	Pigmentation, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hemosiderosis
Thyroid		Follicular-Cell Adenoma
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Liver		Inflammation, Chronic Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Lymph node  
Spleen  
Uterus

Capsule  
  
Mesenteric Lymph Node  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Lymphoma, Nos-Malignant  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Spleen

Uterus

Endometrium

Congestion, Nos

Hematopoiesis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Histiocytosis
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Forestomach	Erosion
Uterus	Endometrium	Hyperplasia, Cystic
	Cervix Uteri	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Lung

Spleen

Uterus

Endometrium

Congestion, Nos

Hematopoiesis

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung

Congestion, Nos

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:23  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Calcification, Focal

Mammary gland

Mammary Duct

Hyperplasia, Nos

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Brain

Kidney

Lung

Mammary gland

Ovary

Spleen

Uterus

Cortex

Endometrium

Hemangioma

Calcification, Focal

Atrophy, Focal

Adenosquamous Carcinoma, Metastatic

Adenosquamous Carcinoma

Atrophy, Nos

Hematopoiesis

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Spleen

Capsule

Hyperplasia, Nos  
Hematopoiesis  
Hyperplasia, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Accidentally Killed

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Congestion, Nos

Brain

Hyperplasia, Nos

Lung

Calcification, Focal

Ovary

Congestion, Nos

Spleen

Inflammation, Acute/Chronic

Uterus

Hematopoiesis

Endometrium

Hyperplasia, Cystic

Cervix Uteri

Hyperplasia, Epithelial

Inflammation, Suppurative

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Lung  
Lymph node  
Spleen  
  
Uterus

Capsule  
  
Mesenteric Lymph Node  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid  
Hematopoiesis  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_045

**TRT#:** 1  
**DOSE:** 002.0 G/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Intestine Small  
Kidney  
Spleen  
Uterus

Capsule  
Ileum, Ileum  
  
Endometrium

Hyperplasia, Nos  
Hyperplasia, Lymphoid  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Fibrosis, Myelo

Lung

Congestion, Nos

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Lung		Inflammation, Chronic Focal
Ovary		Abscess, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Eye  
Kidney  
Spleen  
Uterus

Capsule  
Nasolacrimal Duct  
Papilla  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Inflammation, Suppurative  
Calcification, Nos  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Liver  
Lung  
Mammary gland  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Calcification, Focal  
Focal Cellular Change  
Lymphocytic Inflammatory Infiltrate  
Adenocarcinoma, Nos  
Hematopoiesis  
Hyperplasia, Cystic  
Polyp, Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 002.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Brain

Calcification, Focal

Cerebellum Nos

Neoplasm, Nos

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Kidney

Lymphocytic Inflammatory Infiltrate

Lung

Lymphocytic Inflammatory Infiltrate

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Kidney	Cortex	Atrophy, Focal
Pancreas		Dilatation, Ducts
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Liver  
Pancreas

Capsule

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hepatocellular Adenoma  
Dilatation, Ducts  
Periarteritis  
Hematopoiesis  
Hyperplasia, Cystic

Spleen  
Uterus

Endometrium

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Submucosa	Cyst, Nos
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

---

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_004

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Kidney	Cortex	Atrophy, Focal
Liver		Hepatocellular Adenoma
Ovary		Cyst, Nos
		Tubular Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Skin		Basal-Cell Carcinoma
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Adenocarcinoma, Nos
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone	Sternum	Necrosis, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Cytoplasmic Change, Basophilic
Spleen		Hematopoiesis
Uterus	Endometrium	Adenocarcinoma, Nos
	Endometrium	Hyperplasia, Cystic
		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Eye	Cornea	Inflammation, Chronic Focal
Harderian gland	Hardarian Gland	Adenoma, Nos
Liver		Cytoplasmic Change, Ground-Glass
Pituitary gland	Anterior Pituitary	Angiectasis
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Intestine Small	Peyers Patch	Inflammation, Acute/Chronic
	Peyers Patch	Ulcer, Nos
Liver		Cytoplasmic Change, Basophilic
Lung	Alveoli	Histiocytosis
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Uterus	Endometrial Gland	Dilatation, Nos
		Dilatation, Nos

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_008

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Intestine Small	Duodenum	Polyp, Nos
Kidney		Pyelonephritis, Nos
Lung		Hemorrhage
Pancreas		Metamorphosis, Fatty
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule  
Cortex Nos

Cortical Adenoma  
Hyperplasia, Focal  
Hyperplasia, Nos  
Hypertrophy, Focal

Bone marrow

Fibrosis, Myelo

Brain

Calcification, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Salivary gland

Fibrosis

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Spleen		Hematopoiesis
		Hemosiderosis
Stomach	Fundal Gland	Retention Of Content
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 001.0 G/KG

**SEX:** Female  
**DISP:** Accidentally Killed

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

---

**OBSERVATIONS**

Brain		Calcification, Focal
Lung		Congestion, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Kidney		Metaplasia, Osseous
Lung		Alveolar/Bronchiolar Adenoma
Pancreas	Acinus	Necrosis, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_013

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Blood vessel	Aorta Nos	Calcification, Focal
Bone marrow		Fibrosis, Myelo
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hemosiderosis
Thyroid		Atrophy, Focal
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_014

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Cytoplasmic Change, Ground-Glass
		Lipoidosis
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_015

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Hemorrhage

Bone marrow

Capsule

Hyperplasia, Nos

Brain

Fibrosis, Myelo

Lung

Calcification, Focal

Spleen

Congestion, Nos

Hematopoiesis

Uterus

Endometrium

Hemosiderosis

Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Kidney		Metaplasia, Osseous
Ovary		Atrophy, Nos
Skin		Cyst, Epidermal Inclusion
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Dilatation, Nos
Thymus		Sarcoma, Nos
Unspecified	Abdominal Wall Nos	Sarcoma, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Ear		Inflammation, Suppurative
Skin	Ear	Ulcer, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Leukemia, Lymphocytic
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_018

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Ovary  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Cyst, Nos  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Ovary  
Unspecified  
Uterus

Capsule  
  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Cyst, Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_020

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Unspecified  
Uterus

Capsule

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Bone marrow

Fibrosis, Myelo

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 001.0 G/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Esophagus	Adventitia	Inflammation, Suppurative
Heart	Pericardium Nos	Inflammation, Suppurative
Spleen		Hematopoiesis
Thymus		Inflammation, Suppurative

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_023

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Liver  
Ovary  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hepatocellular Adenoma  
Cyst, Nos  
Hematopoiesis  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_024

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Ovary  
Skin  
Spleen  
Uterus

Capsule

Dermis

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Cyst, Nos  
Inflammation, Chronic Focal  
Hematopoiesis  
Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 001.0 G/KG

**SEX:** Female  
**DISP:** Dosing Accident

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

---

**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hemorrhage
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Spleen		Hematopoiesis
Unspecified	Mediastinum Nos	Inflammation, Suppurative
Uterus	Endometrium	Hyperplasia, Nos

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Nasal cavity  
Pituitary gland  
Unspecified

Capsule  
  
Anterior Pituitary  
Multiple Organs Nos

Hyperplasia, Nos  
Calcification, Focal  
Inflammation, Suppurative  
Hyperplasia, Focal  
Lymphoma, Mixed-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

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**OBSERVATIONS**

Adrenal gland	Cortex Nos	Hyperplasia, Focal
	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Liver		Necrosis, Focal
Spleen		Hematopoiesis
Uterus		Dilatation, Nos
	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 001.0 G/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Bone marrow		Fibrosis, Myelo
Nasal cavity		Inflammation, Acute/Chronic
Pancreas		Metamorphosis, Fatty
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_029

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Eye		Cataract
Liver		Lipoidosis
Lung		Alveolar/Bronchiolar Adenoma
Spleen		Hematopoiesis
	Follicles	Necrosis, Nos
Stomach	Glandular Stomach	Dilatation, Nos
	Glandular Stomach	Ulcer, Nos
Uterus	Myometrium	Degeneration, Muroid
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_030

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Spleen  
Unspecified  
Uterus

Capsule  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Hematopoiesis  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Accidentally Killed

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Lung  
Pancreas  
Unspecified

Capsule  
  
Acinus  
Mediastinum Nos  
Mediastinum Nos  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Alveolar/Bronchiolar Adenoma  
Atrophy, Focal  
Foreign Material, Nos  
Inflammation, Suppurative  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_032

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lymph node

Capsule  
Lumbar Lymph Node  
Lumbar Lymph Node

Ovary  
Peritoneum  
Spleen

Hyperplasia, Nos  
Histiocytosis  
Plasmacytosis  
Plasmacytosis  
Abscess, Nos  
Inflammation, Suppurative  
Hematopoiesis

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney  
Mammary gland

Capsule  
Cortex

Hyperplasia, Nos  
Atrophy, Focal  
Adenocarcinoma, Nos  
Lactation

Ovary  
Pituitary gland  
Spleen

Anterior Pituitary

Cyst, Nos  
Adenoma, Nos  
Hematopoiesis  
Hemosiderosis

Uterus

Endometrium

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_034

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Unspecified

Capsule  
Rectum  
Multiple Organs Nos  
Tail

Hyperplasia, Nos  
Ulcer, Nos  
Lymphoma, Histiocytic-Malignant Type  
Necrosis, Nos

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_035

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Lung  
Ovary  
Spleen  
Unspecified  
  
Uterus

Capsule

Mediastinum Nos  
Mediastinum Nos  
Endometrium

Hyperplasia, Nos  
Alveolar/Bronchiolar Adenoma  
Cyst, Nos  
Hematopoiesis  
Foreign Material, Nos  
Inflammation, Suppurative  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_037

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Dosing Accident

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Bone marrow

Fibrosis, Myelo

Heart

Pericardium Nos

Foreign Material, Nos

Pericardium Nos

Inflammation, Suppurative

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Spleen

Uterus

Follicles  
Endometrium

Hematopoiesis  
Necrosis, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_039

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Intestine Small  
Pituitary gland  
Spleen  
Uterus

Capsule  
  
Duodenum  
Anterior Pituitary  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Focal  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_040

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Nos

Bone marrow

Medulla

Pheochromocytoma

Brain

Fibrosis, Myelo

Lung

Calcification, Focal

Thyroid

Alveolar/Bronchiolar Adenoma

Unspecified

Multiple Organs Nos

Hyperplasia, Follicular Cell

Uterus

Endometrium

Lymphoma, Mixed-Malignant Type

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Spleen  
Unspecified

Multiple Organs Nos

Hematopoiesis  
Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_043

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Spleen

Capsule

Hyperplasia, Nos  
Fibrosis, Myelo  
Hematopoiesis  
Hemosiderosis

Thyroid  
Uterus

Endometrium

Hyperplasia, C Cell  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_044

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Ovary		Granulosa-Cell Tumor
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_045

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Brain  
Lung  
Lymph node  
Spleen  
Unspecified  
Uterus

Capsule

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Calcification, Focal  
Hematopoiesis  
Hemorrhage  
Hematopoiesis  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 001.0 G/KG

**SEX:** Female  
**DISP:** Natural Death

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

---

**OBSERVATIONS**

Adrenal gland  
Brain  
Spleen  
Unspecified  
Uterus

Capsule  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Calcification, Focal  
Hematopoiesis  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Liver

Capsule

Hyperplasia, Nos  
Fibrosis, Myelo  
Cytoplasmic Change, Ground-Glass  
Necrosis, Focal

Mammary gland  
Ovary  
Spleen

Adenocarcinoma, Nos  
Granulosa-Cell Tumor  
Hematopoiesis

Uterus

Endometrium

Hemosiderosis  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 001.0 G/KG

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

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

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver	Centrilobular	Necrosis, Nos
		Thrombus, Fibrin
Ovary		Hemangioma
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_049

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Hyperplasia, Focal

Capsule

Hyperplasia, Nos

Bone marrow

Fibrosis, Myelo

Liver

Hepatocellular Adenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Anterior Pituitary

Hyperplasia, Focal

Spleen

Hematopoiesis

Uterus

Endometrium

Hyperplasia, Cystic

---

PRIMARY CAUSE OF DEATH

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_050

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 001.0 G/KG

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Unspecified  
Uterus

Capsule

Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_001

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Cytoplasmic Change, Ground-Glass
		Inflammation, Chronic Focal
Lymph node	Mesenteric Lymph Node	Lymphoma, Mixed-Malignant Type
Pancreas	Islets	Islet-Cell Adenoma
Spleen		Hematopoiesis
Stomach	Forestomach	Inflammation, Focal
Unspecified	Ear	Fibrosarcoma
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**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	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Lung		Alveolar/Bronchiolar Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_003

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Ovary  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Cyst, Nos  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_004

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver	Periportal	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_005

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule Cortex Nos	Hyperplasia, Nos Metaplasia, Osseous
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Gall bladder		Inflammation, Suppurative
Pancreas		Dilatation, Ducts
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Stomach	Glandular Stomach	Dilatation, Nos
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Intestine Large	Intestinal Tract	Infarct, Nos
Liver		Cytoplasmic Change, Ground-Glass
		Cytoplasmic Vacuolization
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Thymus		Atrophy, Nos
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_007

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Liver  
Pancreas  
Unspecified  
Uterus

Capsule  
  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Inflammation, Chronic Focal  
Cyst, Nos  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_008

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Adenoma, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_009

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Liver  
Lung  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Necrosis, Focal  
Lymphocytic Inflammatory Infiltrate  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_010

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Lymph node	Mandibular Lymph Node	Fibrosis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_011

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Lymphocytic Inflammatory Infiltrate
Spleen		Hematopoiesis
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_012

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Liver		Cytoplasmic Change, Ground-Glass
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_013

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Nasal cavity  
Spleen  
Uterus

Capsule  
  
Nasal Gland  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Necrosis, Focal  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

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

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

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

**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Kidney  
Liver  
Mammary gland  
Spleen  
Uterus

Capsule  
  
  
  
  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Lymphocytic Inflammatory Infiltrate  
Cytoplasmic Change, Basophilic  
Adenoma, Nos  
Hematopoiesis  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_015

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Unspecified  
Uterus

Capsule  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_016

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Ovary		Abscess, Nos
Peritoneum		Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_017

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Brain		Calcification, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus		Abscess, Nos

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_018

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Hepatocellular Adenoma
Ovary		Cyst, Hemorrhagic
		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic
	Cervix Uteri	Hyperplasia, Epithelial
	Cervix Uteri	Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_019

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Spleen  
Uterus

Capsule  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_020

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Uterus

Capsule

Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_021

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Liver  
Pituitary gland  
Unspecified  
Uterus

Capsule  
  
  
Anterior Pituitary  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Inflammation, Chronic Focal  
Adenoma, Nos  
Lymphoma, Mixed-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_022

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

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

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

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**OBSERVATIONS**

Adrenal gland

Cortex Nos  
Capsule

Degeneration, Nos  
Hyperplasia, Nos  
Hematopoiesis

Spleen

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrium

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_023

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Stomach  
Uterus

Capsule  
  
Forestomach  
Endometrium  
Cervix Uteri

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Papilloma, Nos  
Hyperplasia, Cystic  
Hyperplasia, Epithelial

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PRIMARY CAUSE OF DEATH

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_024

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Adrenal gland  
Brain  
Lung  
Unspecified  
Uterus

Multiple Organs Nos  
Endometrium

Hemorrhage  
Cyst, Epidermal Inclusion  
Alveolar/Bronchiolar Carcinoma  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_025

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen  
Uterus

Capsule  
  
  
  
Endometrium  
Cervix Uteri

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Hyperplasia, Cystic  
Hyperplasia, Epithelial

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_026

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

**SEX:** Female  
**DISP:** Natural Death

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

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**OBSERVATIONS**

Brain  
Lung  
Ovary  
Spleen

Calcification, Focal  
Embolism, Nos  
Abscess, Nos  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_027

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Kidney		Nephrosis, Hydro
Liver	Periportal	Necrosis, Nos
Lung	Alveoli	Histiocytosis
		Lymphocytic Inflammatory Infiltrate
Pancreas	Acinus	Atrophy, Nos
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Parovarian	Fibrosis
	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_028

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Hyperplasia, Granulocytic
Brain		Calcification, Focal
Lymph node		Hyperplasia, Lymphoid
Mammary gland	Mammary Lobule	Hyperplasia, Nos
Ovary		Abscess, Nos
Pancreas	Acinus	Cytoplasmic Vacuolization
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_029

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Spleen  
Urinary bladder  
Uterus

Capsule  
  
  
  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Hematopoiesis  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_030

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Ovary		Granulosa-Cell Tumor
Spleen		Hematopoiesis
Unspecified	Mediastinum Nos	Hemangioma
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_031

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Kidney		Metaplasia, Osseous
Lung	Alveoli	Histiocytosis
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 3\_032

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Parathyroid gland		Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_033

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Liver		Hepatocellular Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_034

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone  
Bone marrow  
Spleen

Capsule  
Sternum

Hyperplasia, Nos  
Necrosis, Nos  
Fibrosis, Myelo  
Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_035

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

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

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

**OBSERVATIONS**

Adrenal gland	Medulla	Hyperplasia, Focal
	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**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		Atrophy, Brown
	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Carcinoma, Nos, Invasive
Liver	Centrilobular	Hepatocytomegaly
Lymph node	Mesenteric Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Nos
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Spleen		Hematopoiesis
		Hemosiderosis
Uterus	Endometrium	Hyperplasia, Cystic
	Cervix Uteri	Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_037

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Lung	Mucous Gland	Dilatation, Nos
Ovary		Cyst, Nos
Spleen		Hematopoiesis
		Hyperplasia, Lymphoid
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_038

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Brain		Calcification, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Nos
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_039

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Liver		Lymphocytic Inflammatory Infiltrate
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_040

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Liver		Hepatocellular Adenoma
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_041

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Brain  
Spleen

Capsule

Hyperplasia, Nos  
Fibrosis, Myelo  
Calcification, Focal  
Hematopoiesis  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

Uterus

Endometrium

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_044

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Spleen  
Stomach  
Uterus

Capsule  
  
Glandular Stomach  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Hematopoiesis  
Inflammation, Chronic  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_045

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Lymph node	Mediastinal Lymph Node	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Hemangiosarcoma
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_046

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Unspecified  
Uterus

Capsule  
  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Fibrosis, Myelo  
Lymphoma, Lymphocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_047

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Bone marrow  
Ovary  
Spleen

Capsule

Hyperplasia, Nos  
Fibrosis, Myelo  
Cyst, Nos  
Hematopoiesis  
Hyperplasia, Lymphoid  
Hyperplasia, Lymphoid  
Hyperplasia, Cystic

Thymus  
Uterus

Endometrium

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_048

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

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

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

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Harderian gland	Harderian Gland	Adenoma, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Uterus	Endometrium	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_049

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

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

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

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Nos
Bone marrow		Fibrosis, Myelo
Brain		Calcification, Focal
Kidney		Metaplasia, Osseous
Liver		Angiectasis
Ovary		Cyst, Nos
Pancreas		Dilatation, Ducts
		Inflammation, Acute/Chronic
Pituitary gland	Anterior Pituitary	Hyperplasia, Focal
Spleen		Hematopoiesis
Thyroid		Atrophy, Focal
Uterus	Endometrium	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C54762  
**Test Type:** Long-Term  
**Route:** Gavage  
**Species/Strain:** Mouse/B6C3F1

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

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 17:55:24  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_050

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

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

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

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**OBSERVATIONS**

Adrenal gland  
Unspecified  
Uterus

Capsule  
Multiple Organs Nos  
Endometrium

Hyperplasia, Nos  
Leukemia, Granulocytic  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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