

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

C Number: C50680

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Pericardium Nos	Sarcoma, Nos, Invasive
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Mediastinum Nos	Sarcoma, Nos

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebellum Nos	Hemorrhage
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
		Hyperplasia, Alveolar Epithelium
Nasal cavity	Alveoli	Inflammation, Chronic Diffuse
Pituitary gland		Inflammation, Serous
Seminal vesicle	Anterior Pituitary	Hyperplasia, Nos
Testis		Inflammation, Suppurative
		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Nasal cavity

Metaplasia, Squamous

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Atrophy, Nos

Urinary bladder

Submucosa

Interstitial-Cell Tumor

Hemorrhage

Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Edema, Nos
	Alveoli	Hemorrhage
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Thrombus, Canalized
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
Lymph node	Mesenteric Lymph Node	Dilatation, Sinus
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma, Malignant

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Nasal cavity

Foreign Body, Nos

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Inflammation, Suppurative

Testis

Hyperplasia, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Medulla

Pheochromocytoma

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Lung

Alveoli

Inflammation, Suppurative

Nasal cavity

Inflammation, Chronic Focal

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Hemorrhage
	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Edema, Nos
	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebellum Nos	Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Endocardium Nos	Fibrosis, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Cyst, Nos
		Inflammation, Chronic
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Nasal cavity

Pancreas

Testis

Unspecified

Acinus

Islets

Multiple Organs Nos

Inflammation, Serous

Atrophy, Focal

Islet-Cell Adenoma

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Crystalline Lens	Cataract
	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Intestine Large
Kidney
Liver

Nasal cavity
Seminal vesicle
Testis

Cortex Nos
Olfactory Sensory Epithelium
Colon

Hepatocytes
Bile Duct

Cytoplasmic Vacuolization
Degeneration, Nos
Parasitism
Nephropathy
Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Inflammation, Serous
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Inflammation, Suppurative
Lymph node	Mandibular Lymph Node	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Tongue		Squamous Cell Carcinoma
Unspecified	Mediastinum Nos	Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
		Hyperplasia, Alveolar Epithelium
Nasal cavity	Alveoli	Inflammation, Chronic Focal
		Inflammation, Serous
Preputial gland		Inflammation, Suppurative
Testis		Inflammation, Suppurative
		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Inflammation, Suppurative
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Serous
		Inflammation, Suppurative
Preputial gland		Acanthosis
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma
Unspecified	Neck	Fibroma

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart		Periarteritis
Intestine Large	Anus Nos	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified		Inflammation, Chronic Focal
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Islets	Hyperplasia, Focal
Seminal vesicle		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Cyst, Ultimobranchial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney

Medulla
Olfactory Sensory Epithelium

Hyperplasia, Focal
Degeneration, Nos
Inflammation, Suppurative
Nephropathy

Liver

Hepatocytes
Bile Duct

Cytoplasmic Change, Basophilic
Hyperplasia, Nos
Foreign Body, Nos
Inflammation, Serous
Inflammation, Suppurative
Inflammation, Chronic
Interstitial-Cell Tumor

Nasal cavity

Preputial gland
Testis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Mammary gland		Galactocele
Nasal cavity		Inflammation, Chronic Focal
		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Skin	Lower Leg	Keratoacanthoma
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
		Periarteritis
Liver		Fibrosis, Focal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Chronic Focal
		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Neoplastic Nodule
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pancreas		Periarteritis
Seminal vesicle		Inflammation, Chronic
Stomach	Forestomach	Cyst, Nos
	Forestomach	Hyperplasia, Epithelial
	Forestomach	Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
	Bronchiole	Hemorrhage
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
Urinary bladder		Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Olfactory Sensory Epithelium	Foreign Body, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchiole	Inflammation, Suppurative
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Astrocytoma
	Olfactory Sensory Epithelium	Degeneration, Nos
	Olfactory Sensory Epithelium	Foreign Body, Nos
Kidney		Nephropathy
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Spleen		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebrum	Gliosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Neoplastic Nodule
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Peritoneum	Peritoneal Cavity Nos	Necrosis, Fat
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Prostate		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Crystalline Lens	Cataract
Intestine Large	Colon	Adenomatous Polyp, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
Pancreas		Periarteritis
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Islets	Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Periarteritis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Lung	Pleura Nos	Fibrosis
	Alveoli	Fibrosis, Diffuse
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_046

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Olfactory Sensory Epithelium

Foreign Body, Nos

Heart

Atrium

Cyst, Multiple

Kidney

Cortex

Cyst, Nos

Nephropathy

Nasal cavity

Inflammation, Serous

Preputial gland

Inflammation, Suppurative

Testis

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
	Cortex	Pigmentation, Nos
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Suppurative
Stomach	Forestomach	Inflammation, Suppurative
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Intestine Large
Kidney
Lung
Nasal cavity

Medulla
Olfactory Sensory Epithelium
Colon

Hyperplasia, Focal
Degeneration, Nos
Parasitism
Nephropathy
Alveolar Macrophages
Inflammation, Chronic Focal
Inflammation, Serous
Inflammation, Suppurative
Adenoma, Nos
Atrophy, Nos
Interstitial-Cell Tumor

Pituitary gland
Testis

Anterior Pituitary

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Male

DAY ON TEST:

DOSE: 10 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Axilla	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
	Medulla Oblongata Nos	Hemorrhage
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Intestine Small	Mesentery Nos	Torsion
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin	Groin	Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Intestine Large
Kidney
Liver
Lung
Nasal cavity
Preputial gland

Medulla
Olfactory Sensory Epithelium
Rectum

Bile Duct

Testis

Thyroid
Unspecified

Multiple Organs Nos

Pheochromocytoma
Degeneration, Nos
Parasitism
Nephropathy
Hyperplasia, Nos
Alveolar Macrophages
Inflammation, Serous
Adenoma, Nos
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor
C-Cell Adenoma
Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pancreas		Periarteritis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Skin	Tail	Acanthosis
	Tail	Hyperkeratosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow

Brain

Liver

Nasal cavity

Pancreas

Pituitary gland

Seminal vesicle

Thyroid

Urinary bladder

Cerebrum

Olfactory Sensory Epithelium

Hepatocytes

Bile Duct

Acinus

Anterior Pituitary

Atrophy, Nos

Atrophy, Pressure

Degeneration, Nos

Cytoplasmic Vacuolization

Hyperplasia, Nos

Inflammation, Chronic Focal

Inflammation, Suppurative

Atrophy, Focal

Carcinoma, Nos

Inflammation, Suppurative

Hyperplasia, C Cell

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Kidney
Larynx
Lung
Nasal cavity
Pituitary gland
Skin
Testis

Cortex Nos
Olfactory Sensory Epithelium

Anterior Pituitary
Lower Leg

Hyperplasia, Focal
Degeneration, Nos
Nephropathy
Inflammation, Chronic
Alveolar Macrophages
Inflammation, Suppurative
Hyperplasia, Nos
Keratoacanthoma
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Thrombus, Canalized
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity	Alveoli	Inflammation, Chronic Focal
Pancreas	Acinus	Inflammation, Serous
		Atrophy, Focal
Pituitary gland	Anterior Pituitary	Periarteritis
Prostate		Adenoma, Nos
Testis		Inflammation, Suppurative
Unspecified	Head	Interstitial-Cell Tumor
		Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes Bile Duct	Cytoplasmic Change, Basophilic Hyperplasia, Nos
Nasal cavity		Inflammation, Serous Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Hyperplasia, Epithelial
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx	Submucosa	Hemorrhage
		Inflammation, Suppurative
Liver		Hemorrhage
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
		Neoplastic Nodule
Lung	Alveoli	Edema, Nos
	Alveoli	Hemorrhage
	Alveoli	Necrosis, Focal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Prostate		Inflammation, Suppurative
Spleen	Capsule	Fibrosis
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Nasal cavity		Inflammation, Suppurative
Spleen		Hemorrhage
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Mineralization
Larynx	Bile Duct	Nephropathy
Liver		Inflammation, Suppurative
Lung		Hyperplasia, Nos
Nasal cavity		Alveolar/Bronchiolar Carcinoma
Stomach	Glandular Stomach	Inflammation, Serous
Testis		Inflammation, Suppurative
		Mineralization
Thyroid		Atrophy, Nos
		Interstitial-Cell Tumor
		Mineralization
		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Lung	Alveoli Alveoli	Edema, Nos Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Diffuse
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Serous
Seminal vesicle		Inflammation, Suppurative
Spleen		Hematopoiesis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Leg	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
	Alveoli	Inflammation, Chronic
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
Prostate		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Lung

Medulla

Pheochromocytoma
Nephropathy
Alveolar Macrophages

Nasal cavity
Pituitary gland
Spleen
Testis

Alveoli

Fibrosis, Multifocal
Inflammation, Serous
Hyperplasia, Nos
Fibrosis, Focal
Atrophy, Nos
Interstitial-Cell Tumor

Anterior Pituitary

Unspecified

Abdomen

Fibroma
Leukemia, Mononuclear Cell

Multiple Organs Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Change, Eosinophilic
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Trachea		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Medulla Oblongata Nos	Hemorrhage
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Serous
Seminal vesicle		Inflammation, Suppurative
Spleen	Capsule	Fibrosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Leg	Fibroma
	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Corpora Amylacea
Kidney		Nephropathy
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Skin	Back	Keratoacanthoma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Hemorrhage
		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Hyperplasia, Epithelial
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium Olfactory Sensory Epithelium	Degeneration, Nos Foreign Body, Nos
Kidney		Nephropathy
Lung		Alveolar Macrophages
Nasal cavity		Foreign Body, Nos Inflammation, Serous
Testis		Inflammation, Suppurative Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Medulla

Hyperplasia, Focal

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Nasal cavity

Inflammation, Serous

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Testis

Atrophy, Nos

Thyroid

Interstitial-Cell Tumor

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Necrosis, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes Bile Duct	Cytoplasmic Vacuolization Hyperplasia, Nos
Lung		Alveolar/Bronchiolar Adenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Cerebrum

Atrophy, Pressure

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Lung

Alveoli

Inflammation, Suppurative

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Nasal cavity

Inflammation, Serous

Pituitary gland

Anterior Pituitary

Inflammation, Suppurative

Prostate

Adenoma, Nos

Urinary bladder

Inflammation, Suppurative

Ulcer, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver		Hemorrhage
		Hepatocytomegaly
Nasal cavity	Bile Duct	Hyperplasia, Nos
		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
		Inflammation, Suppurative
Prostate		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Ulcer, Nos
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Prostate		Inflammation, Suppurative
Skin	Abdomen	Trichoepithelioma
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Hemorrhage
		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Seminal vesicle		Inflammation, Suppurative
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Hemorrhage
		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Larynx

Nasal cavity

Pancreas
Preputial gland
Testis

Medulla
Rectum

Acinus

Pheochromocytoma
Parasitism
Nephropathy
Hyperplasia, Epithelial
Inflammation, Suppurative
Foreign Body, Nos
Inflammation, Serous
Inflammation, Suppurative
Atrophy, Focal
Inflammation, Suppurative
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Chronic
Stomach	Forestomach	Hyperkeratosis
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
		Hyperplasia, Alveolar Epithelium
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Unspecified	Multiple Organs Nos	Lymphoma, Nos-Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
		Nephropathy
Larynx		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Neoplastic Nodule
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos
Thyroid		C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos Medulla	Cytoplasmic Vacuolization Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes Bile Duct Bile Duct	Cytoplasmic Change, Basophilic Fibrosis, Multifocal Hepatocellular Carcinoma Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Carcinoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Male

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney	Cortex	Cyst, Nos
		Nephropathy
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Acanthosis
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Adenoma, Nos
Skin	Tail	Keratoacanthoma
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
		Paraganglioma, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lymph node	Mandibular Lymph Node	Dilatation, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Olfactory Sensory Epithelium

Foreign Body, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Seminal vesicle

Inflammation, Suppurative

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Preputial gland		Inflammation, Chronic
Seminal vesicle		Inflammation, Suppurative
Skin		Acanthosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Focal
	Alveoli	Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lymph node	Mandibular Lymph Node	Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Thymus		Thymoma, Malignant
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Bile Duct

Hyperplasia, Nos

Lung

Alveoli

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Larynx		Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Chronic
Stomach	Glandular Stomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:49

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney	Cortex	Abscess, Nos
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
		Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Liver

Pancreas

Preputial gland

Seminal vesicle

Testis

Hepatocytes

Acinus

Nephropathy

Cytoplasmic Change, Basophilic

Atrophy, Focal

Inflammation, Suppurative

Inflammation, Suppurative

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Squamous Cell Carcinoma, Invasive
Oral mucosa	Palate Nos	Squamous Cell Carcinoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Liver	Bile Duct	Hyperplasia, Nos
Lung		Carcinoma, Nos, Metastatic
Nasal cavity		Foreign Body, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Nasal cavity		Inflammation, Suppurative
Stomach	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Medulla

Pheochromocytoma

Liver

Hepatocytes

Nephropathy

Pancreas

Bile Duct

Cytoplasmic Vacuolization

Testis

Acinus

Hyperplasia, Nos

Thyroid

Atrophy, Focal

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

C-Cell Adenoma

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Suppurative
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Fibrosis, Multifocal
		Hyperplasia, Alveolar Epithelium
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Foreign Body, Nos
		Hyperplasia, Epithelial
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Zymbal gland		Carcinoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Seminal vesicle

Inflammation, Suppurative

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Cerebrum

Hemorrhage

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Seminal vesicle

Inflammation, Suppurative

Spleen

Fibrosis, Focal

Testis

Interstitial-Cell Tumor

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Chronic
Spleen		Fibrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Lung

Alveoli

Inflammation, Chronic Focal

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Oral mucosa	Palate Nos	Papilloma, Nos
Pancreas	Acinus	Atrophy, Focal
Preputial gland		Adenoma, Nos
		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Larynx

Liver

Pituitary gland

Testis

Hepatocytes

Anterior Pituitary

Nephropathy

Inflammation, Suppurative

Cytoplasmic Change, Basophilic

Hyperplasia, Nos

Atrophy, Nos

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Brain

Cerebrum

Atrophy, Pressure

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Mammary gland

Galactocele

Nasal cavity

Foreign Body, Nos

Hyperplasia, Epithelial

Pancreas

Acinus

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Seminal vesicle

Adenoma, Nos

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Larynx		Hyperplasia, Epithelial Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Nasal cavity		Squamous Cell Carcinoma, Invasive
Oral mucosa	Palate Nos	Squamous Cell Carcinoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Skin	Back	Keratoacanthoma
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Testis		Interstitial-Cell Tumor
Trachea		Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Cerebrum	Gliosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
	Alveoli	Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Necrosis, Focal
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Foreign Body, Nos
Testis		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Bone	Sternum	Fibrous Osteodystrophy
Kidney		Mineralization
		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung	Alveoli	Fibrosis, Diffuse
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach	Glandular Stomach	Mineralization
Testis		Atrophy, Nos
		Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Fibrosis, Focal
	Bronchus	Foreign Body, Nos
		Hyperplasia, Alveolar Epithelium
	Alveoli	Inflammation, Chronic Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Eye
Kidney
Liver
Nasal cavity
Preputial gland
Testis

Medulla
Nasolacrimal Duct

Hepatocytes

Pheochromocytoma
Inflammation, Suppurative
Nephropathy
Cytoplasmic Change, Basophilic
Inflammation, Chronic Focal
Carcinoma, Nos
Atrophy, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Skin	Tail	Hyperkeratosis
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pancreas
Preputial gland

Testis

Acinus

Nephropathy
Atrophy, Focal
Acanthosis
Carcinoma, Nos
Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Epididymis		Inflammation, Chronic Focal
Intestine Large	Colon	Inflammation, Chronic Focal
	Rectum	Inflammation, Suppurative
Kidney		Nephropathy
Nasal cavity		Inflammation, Chronic Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium Olfactory Sensory Epithelium	Degeneration, Nos Foreign Body, Nos
Kidney		Nephropathy
Nasal cavity		Inflammation, Chronic Focal Metaplasia, Squamous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Preputial gland		Cyst, Nos
Seminal vesicle		Inflammation, Suppurative
Skin	Chest	Papilloma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor
Thyroid		Follicular-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Olfactory Sensory Epithelium	Foreign Body, Nos
Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Chronic Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Crystalline Lens	Cataract
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Inflammation, Suppurative
Testis		Hyperplasia, Interstitial Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Change, Eosinophilic
		Inflammation, Granulomatous Focal
Lung	Alveoli	Fibrosis, Focal
		Hyperplasia, Alveolar Epithelium
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Inflammation, Chronic Focal
Seminal vesicle		Inflammation, Suppurative
Testis		Atrophy, Nos
Unspecified	Abdomen	Fibroma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

DOSE: 0

SEX: Male

DISP: Accidentally Killed

DAY ON TEST:

HISTO:

OBSERVATIONS

Larynx

Prostate

Thyroid

Inflammation, Suppurative

Inflammation, Suppurative

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lung	Bronchiole	Foreign Body, Nos
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Liver	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Suppurative
Seminal vesicle		Inflammation, Suppurative
Stomach	Forestomach	Hyperkeratosis
	Forestomach	Hyperplasia, Epithelial
Testis		Hyperplasia, Interstitial Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Heart

Atrium

Thrombosis, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Lung

Alveolar Macrophages

Nasal cavity

Inflammation, Suppurative

Testis

Atrophy, Nos

Unspecified

Multiple Organs Nos

Interstitial-Cell Tumor

Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
Thyroid		C-Cell Carcinoma
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder	Submucosa	Hemorrhage

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Heart

Cardiac Valve

Fibrosis

Myocardium Nos

Fibrosis

Pericardium Nos

Hyperplasia, Diffuse

Pericardium Nos

Inflammation, Chronic Diffuse

Cardiac Valve

Inflammation, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Pleura Nos

Alveolar/Bronchiolar Carcinoma, Invasive

Seminal vesicle

Inflammation, Chronic

Trachea

Inflammation, Suppurative

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Heart	Myocardium Nos Cardiac Valve	Fibrosis Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus Islets	Atrophy, Focal Islet-Cell Carcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Testis		Atrophy, Nos Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Hemorrhage
Preputial gland		Adenoma, Nos
		Ulcer, Nos
Seminal vesicle		Inflammation, Chronic
Testis		Interstitial-Cell Tumor
Thyroid		Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Epididymis		Hyperplasia, Mesothelial
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Seminal vesicle		Inflammation, Suppurative
Skin	Foot And Toe Nos	Ulcer, Nos
Testis		Atrophy, Nos
		Interstitial-Cell Tumor
	Tunica Vaginalis	Mesothelioma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C50680

Test Type: Long-Term

Route: Inhalation

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Methyl methacrylate

CAS Number: 80-62-6

Date Report Requested: 10/26/2014

Time Report Requested: 16:31:50

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Bronchus	Inflammation, Chronic Focal
	Bronchus	Metaplasia, Squamous
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hyperplasia, Lymphoid
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****