

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: 16:31:33

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: Female

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_001

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 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
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_002

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain Clitoral gland	Olfactory Sensory Epithelium	Degeneration, Nos Cyst, Nos Hyperplasia, Epithelial
Kidney	Cortex	Cyst, Nos Nephropathy
Liver	Bile Duct	Hyperplasia, Nos Neoplastic Nodule
Nasal cavity Pituitary gland Uterus	Anterior Pituitary	Inflammation, Serous Adenoma, Nos Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_003

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cyst, Nos
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Spleen		Fibrosis, Diffuse
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_004

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_005

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder	Submucosa	Edema, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Subdural Space Nos	Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Galactocele
Nasal cavity		Inflammation, Suppurative
Oral mucosa	Palate Nos	Acanthosis
	Palate Nos	Ulcer, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007

TRT#: 1

SEX: Female

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		Cyst, Nos
	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Serous
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_008

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 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

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Atrophy, Focal

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_009

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Clitoral gland

Medulla
Olfactory Sensory Epithelium

Hyperplasia, Focal
Degeneration, Nos
Acanthosis
Hyperkeratosis
Metaplasia, Cartilaginous
Nephropathy
Angiectasis
Cytoplasmic Change, Basophilic
Inflammation, Serous
Adenoma, Nos

Heart
Kidney
Liver

Cardiac Valve

Nasal cavity
Pituitary gland

Hepatocytes

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_010

TRT#: 1

SEX: Female

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 Vacuolization
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp
	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_011

TRT#: 1

SEX: Female

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		Inflammation, Serous
		Inflammation, Suppurative
Ovary		Papillary Adenocarcinoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Cystic Follicles
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_012

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Cerebrum

Hemorrhage

Heart

Myocardium Nos

Fibrosis

Liver

Hepatocytes

Necrosis, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Cortex

Hyperplasia, Epithelial

Larynx

Nephropathy

Inflammation, Suppurative

Liver

Inflammation, Granulomatous Focal

Lung

Alveoli

Hemorrhage

Nasal cavity

Inflammation, Chronic Focal

Inflammation, Serous

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
		Inflammation, Chronic Focal
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Tail	Inflammation, Chronic Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_016

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
	Nasolacrimal Duct	Metaplasia, Squamous
Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_017

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Hyperplasia, Epithelial
		Inflammation, Chronic
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen	Capsule	Fibrosis, Focal
Thymus		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Myometrium	Adenomyosis
		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_018

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Pheochromocytoma

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Liver

Inflammation, Granulomatous Focal

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Cyst, Nos

Urinary bladder

Submucosa

Edema, Nos

Uterus

Hemorrhage

Endometrium

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_019

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Rectum	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
	Alveoli	Hemorrhage
Nasal cavity		Granuloma, Foreign Body
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_020

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_021

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Cerebrum

Cytoplasmic Vacuolization

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_022

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 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

Lung

Bile Duct

Hyperplasia, Nos

Nasal cavity

Alveoli

Hemorrhage

Pituitary gland

Anterior Pituitary

Inflammation, Serous

Skin

Adenoma, Nos

Acanthosis

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_023

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 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

Lung

Alveolar Macrophages

Nasal cavity

Alveoli

Inflammation, Chronic Focal

Inflammation, Suppurative

Hyperplasia, Epithelial

Pituitary gland

Anterior Pituitary

Inflammation, Serous

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_024

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver		Hematopoiesis
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Chronic Focal
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Suppurative
Ovary		Cyst, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp
	Endometrium	Hyperplasia, Epithelial
	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_025

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Crystalline Lens	Cataract
Kidney		Nephropathy
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_026

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Brain

Cerebrum

Atrophy, Pressure

Olfactory Sensory Epithelium

Degeneration, Nos

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Parathyroid gland

Hyperplasia, Nos

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Spleen

Fibrosis, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_027

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 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
Lung	Bronchiole	Hyperplasia, Epithelial
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_028

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Lung

Alveoli

Hemorrhage

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Serous

Pituitary gland

Anterior Pituitary

Adenoma, Nos

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_029

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_030

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Lung	Alveoli	Inflammation, Suppurative
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_031

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Clitoral gland		Cyst, Nos
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis, Multifocal
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_032

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Inflammation, Granulomatous Focal
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_033

TRT#: 1

SEX: Female

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
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_034

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Nasal cavity

Foreign Body, Nos

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_035

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Pheochromocytoma
Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
	Alveoli	Alveolar/Bronchiolar Carcinoma
		Fibrosis, Multifocal
	Alveoli	Hyperplasia, Alveolar Epithelium
		Inflammation, Suppurative
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_036

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis, Multifocal
	Bile Duct	Hyperplasia, Nos
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_037

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
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, Focal
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_038

TRT#: 1

SEX: Female

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	Acanthosis
	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
		Neoplastic Nodule
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_039

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Pheochromocytoma

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Clitoral gland

Hyperplasia, Epithelial

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Intestine Large

Rectum

Parasitism

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, Nos

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_040

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Eye	Nasolacrimal Duct	Inflammation, Suppurative
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
Nasal cavity		Inflammation, Serous
Spleen		Hemorrhage
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_041

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Lung		Alveolar Macrophages
Uterus		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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_042

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Lung	Alveoli	Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_043

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Intestine Large

Colon

Adenocarcinoma, Nos

Colon

Parasitism

Lung

Alveoli

Aspiration, Foreign Body

Alveoli

Foreign Body, Nos

Bronchiole

Inflammation, Suppurative

Nasal cavity

Inflammation, Suppurative

Foreign Body, Nos

Inflammation, Serous

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_044

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_045

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
	Perirenal Tissue	Inflammation, Suppurative
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic Focal
		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_047

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Hemorrhage
Nasal cavity		Inflammation, Serous

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_048

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Hyperplasia, Focal
Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_049

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Larynx

Inflammation, Suppurative

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Hepatocytes

Cytoplasmic Vacuolization

Lung

Alveolar Macrophages

Mammary gland

Fibroadenoma

Nasal cavity

Inflammation, Serous

Uterus

Endometrial Stromal Polyp

Endometrium

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_050

TRT#: 1

SEX: Female

DAY ON TEST:

DOSE: 500 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Fibrosis, Multifocal
	Alveoli	Inflammation, Chronic Focal
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_001

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Suppurative
		Metaplasia, Squamous
		Ulcer, Nos
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_002

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Cerebrum	Atrophy, Pressure
		Cytoplasmic Vacuolization
	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Inflammation, Granulomatous Focal
Oral mucosa	Palate Nos	Acanthosis
	Palate Nos	Ulcer, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Hyperplasia, Epithelial
	Forestomach	Ulcer, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_003

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Cytoplasmic Vacuolization
Cyst, Nos

Heart
Kidney

Myocardium Nos

Hyperplasia, Epithelial
Inflammation, Chronic

Larynx
Liver

Hepatocytes

Fibrosis
Nephropathy
Inflammation, Suppurative
Cytoplasmic Change, Basophilic
Inflammation, Granulomatous Focal

Nasal cavity
Pituitary gland

Anterior Pituitary

Inflammation, Serous
Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_004

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_006

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 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

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrial Stromal Sarcoma

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebrum	Mineralization
Kidney		Nephropathy
Larynx		Foreign Body, Nos
		Inflammation, Suppurative
Lung	Alveoli	Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_008

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_009

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung	Alveoli	Inflammation, Suppurative
Oral mucosa	Palate Nos	Papilloma, Nos
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Pheochromocytoma
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebellum Nos	Mineralization
Clitoral gland		Hyperkeratosis
		Inflammation, Suppurative
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_011

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
	Anterior Pituitary	Hyperplasia, Nos
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_012

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Hyperplasia, Focal

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Intestine Small

Duodenum

Erosion

Liver

Bile Duct

Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_013

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung	Alveoli	Alveolar Macrophages
		Fibrosis, Focal
Mammary gland		Inflammation, Chronic Focal
Nasal cavity		Fibroadenoma
		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Inflammation, Suppurative
Uterus		Adenoma, Nos
		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_014

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Intestine Large
Kidney
Larynx
Nasal cavity
Pituitary gland
Thyroid
Unspecified

Medulla
Colon

Anterior Pituitary

Multiple Organs Nos

Pheochromocytoma
Parasitism
Nephropathy
Inflammation, Suppurative
Inflammation, Serous
Hyperplasia, Nos
Hyperplasia, C Cell
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_015

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Larynx

Inflammation, Chronic

Liver

Inflammation, Granulomatous Focal

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_016

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Necrosis, Focal

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Vacuolization

Pituitary gland

Anterior Pituitary

Hyperplasia, Nos

Stomach

Forestomach

Hyperplasia, Epithelial

Thyroid

Follicular-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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_017

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Intestine Large

Rectum

Parasitism

Kidney

Nephropathy

Pituitary gland

Anterior Pituitary

Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_018

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebrum	Gliosis
	Cerebrum	Hemorrhage
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung	Alveoli	Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_019

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Intestine Small	Jejunum	Leiomyoma
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
		Inflammation, Chronic Focal
Ovary		Cyst, Nos
Pancreas	Acinus	Atrophy, Focal
	Islets	Hyperplasia, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_020

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebrum	Oligodendroglioma
Intestine Large	Rectum	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Hepatocytes	Necrosis, Focal
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Hyperplasia, C Cell
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_021

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Brain

Olfactory Sensory Epithelium

Degeneration, Nos

Cerebrum

Hemorrhage

Kidney

Nephropathy

Liver

Bile Duct

Hyperplasia, Nos

Nasal cavity

Hemorrhage

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Skin

Trichoepithelioma

Unspecified

Multiple Organs Nos

Leukemia, Mononuclear Cell

Uterus

Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_022

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium Cerebrum	Degeneration, Nos Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Chronic
Liver		Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_024

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Ovary		Cyst, Nos
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Follicular-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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_025

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Clitoral gland		Adenoma, Nos
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_026

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Larynx		Hyperplasia, Epithelial
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_027

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Clitoral gland		Cyst, Nos
Intestine Large	Colon	Parasitism
	Rectum	Parasitism
Kidney		Nephropathy
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Urinary bladder		Papilloma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_028

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Fibrous Histiocytoma, Metastatic
Pancreas	Acinus	Atrophy, Focal
Thyroid		C-Cell Adenoma
Unspecified	Multiple Organs Nos	Fibrous Histiocytoma, Invasive
	Leg	Fibrous Histiocytoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_029

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_030

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Nasal cavity		Inflammation, Serous
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_031

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Corpora Amylacea
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_032

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Blood vessel	Mesenteric Artery Nos	Thrombosis, Nos
Brain	Cerebrum	Hemorrhage
Kidney		Nephropathy
Liver	Bile Duct	Fibrosis, Focal
Nasal cavity		Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Parathyroid gland		Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Glandular Stomach	Mineralization
Unspecified	Multiple Organs Nos	Periarteritis

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_033

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Nasal cavity		Hemorrhage
		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Hematopoiesis
Uterus		Endometrial Stromal Sarcoma
		Prolapse

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_034

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytoplasmic Vacuolization
	Medulla	Pheochromocytoma
Brain	Cerebrum	Atrophy, Pressure
	Olfactory Sensory Epithelium	Degeneration, Nos
	Cerebrum	Hemorrhage
Clitoral gland		Cyst, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Necrosis, Focal
Lung		Alveolar Macrophages
	Alveoli	Fibrosis, Multifocal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Multifocal
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Clitoral gland		Inflammation, Suppurative
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
		Inflammation, Suppurative
Oral mucosa	Palate Nos	Acanthosis
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_036

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Necrosis, Focal
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Lymph node	Mandibular Lymph Node	Hemorrhage
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Thyroid		Hyperplasia, C Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_038

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
Stomach	Forestomach	Ulcer, Nos

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_039

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Endometrium	Cyst, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_040

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Mammary gland

Nasal cavity

Spleen

Hematopoiesis

Nephropathy

Adenocarcinoma, Nos

Inflammation, Serous

Hematopoiesis

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_041

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Nasal cavity

Inflammation, Serous

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_042

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
		Hemorrhage
Thyroid		Hyperplasia, C Cell
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_043

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Lymph node	Mesenteric Lymph Node	Hematoma, Nos
Mammary gland		Fibroadenoma
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_044

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Brain
Heart
Kidney
Lung

Cortex Nos
Olfactory Sensory Epithelium
Cardiac Valve

Cytoplasmic Vacuolization
Degeneration, Nos
Metaplasia, Cartilaginous
Nephropathy
Alveolar Macrophages
Inflammation, Chronic Focal
Inflammation, Suppurative
Fibroadenoma
Inflammation, Suppurative
Atrophy, Focal
Adenoma, Nos
Cystic Follicles
Hyperplasia, C Cell

Mammary gland
Nasal cavity
Pancreas
Pituitary gland
Thyroid

Acinus
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_045

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
		Necrosis, Focal
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Small	Mesentery Nos	Necrosis, Fat
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney	Pelvis	Hyperplasia, Epithelial
		Nephropathy
Lung		Alveolar Macrophages
Nasal cavity		Foreign Body, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_048

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Alveolar Macrophages
		Inflammation, Chronic Focal
		Inflammation, Suppurative
Mammary gland		Fibroadenoma
Nasal cavity		Foreign Body, Nos
		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Thyroid		Follicular-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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Nasal cavity

Inflammation, Serous

Pituitary gland

Adenoma, Nos

Unspecified

Anterior Pituitary

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_050

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 250 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Nasal cavity

Inflammation, Serous

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Nasal cavity		Foreign Body, Nos
		Inflammation, Serous
		Inflammation, Suppurative
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	Hyperplasia, Epithelial
	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Thorax	Basal-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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_003

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Hyperplasia, Nos

Hepatocytes

Necrosis, Focal

Lung

Alveoli

Hemorrhage

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Lung

Alveolar Macrophages

Thyroid

Alveoli

Inflammation, Granulomatous Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_005

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytomegaly
Clitoral gland		Inflammation, Suppurative
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung	Alveoli	Alveolar Macrophages
		Fibrosis, Focal
		Inflammation, Chronic Focal
Mammary gland	Mammary Duct	Inflammation, Suppurative
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin		Acanthosis
Stomach	Glandular Stomach	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_006

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver	Hepatocytes	Cytoplasmic Vacuolization Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Inflammation, Suppurative
	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_007

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Clitoral gland

Inflammation, Suppurative

Kidney

Nephropathy

Liver

Inflammation, Granulomatous Focal

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Pancreas	Acinus	Atrophy, Focal
Pituitary gland	Anterior Pituitary	Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_009

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hyperplasia, Focal

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Inflammation, Granulomatous Focal

Pancreas

Acinus

Atrophy, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_010

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Lung

Alveoli

Hemorrhage

Nasal cavity

Inflammation, Serous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Uterus

Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Hyperplasia, C Cell
Uterus	Endometrium	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_012

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_013

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Tubule

Dilatation, Nos

Liver

Hepatocytes

Cytoplasmic Vacuolization

Nasal cavity

Inflammation, Suppurative

Metaplasia, Squamous

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, Nos

Unspecified

Multiple Organs Nos

Hematopoiesis

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_014

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Bone marrow		Hyperplasia, Megakaryocytic
Clitoral gland		Carcinoma, Nos
Kidney		Nephropathy
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_015

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney	Pelvis	Mineralization Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_016

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Brain	Olfactory Sensory Epithelium	Degeneration, Nos
Kidney	Pelvis	Mineralization
		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung		Alveolar Macrophages
Nasal cavity		Hyperplasia, Epithelial
		Inflammation, Suppurative
		Metaplasia, Squamous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_017

TRT#: 3

DOSE: 0

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		Follicular-Cell Adenoma
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Cerebrum	Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Spleen		Fibrosis, Focal
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Thyroid		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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_020

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Clitoral gland

Inflammation, Suppurative

Heart

Myocardium Nos

Fibrosis

Cardiac Valve

Metaplasia, Cartilaginous

Kidney

Nephropathy

Liver

Inflammation, Granulomatous Focal

Nasal cavity

Hemorrhage

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_021

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Cytoplasmic Vacuolization
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Necrosis, Focal
Oral mucosa	Palate Nos	Ulcer, Nos
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Inflammation, Suppurative
Tooth		Malocclusion
Uterus		Endometrial Stromal Polyp
	Parovarian	Necrosis, Fat

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_022

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Cytomegaly
Clitoral gland		Cyst, Nos
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_023

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_024

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Eye	Lacrimal Gland	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Uterus	Broad Ligament	Necrosis, Fat
	Broad Ligament	Torsion

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_025

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Liver

Mammary gland

Bile Duct

Nephropathy

Hyperplasia, Nos

Fibroadenoma

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_026

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney

Cortex

Cyst, Nos

Hamartoma

Thyroid

Cyst, Ultimobranchial

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_027

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain	Medulla Oblongata Nos	Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
		Inflammation, Granulomatous Focal
Lung	Alveoli	Hemorrhage
Mammary gland		Fibroadenoma
Nasal cavity		Inflammation, Serous
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_028

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Mammary gland

Fibroadenoma

Pituitary gland

Anterior Pituitary

Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Hyperplasia, Focal

Kidney

Nephropathy

Liver

Inflammation, Granulomatous Focal

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_030

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytomegaly

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Larynx

Inflammation, Chronic

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Lung

Periarteritis

Pancreas

Acinus

Atrophy, Focal

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Brain	Cerebrum	Atrophy, Pressure
	Cerebrum	Hemorrhage
Heart	Cardiac Valve	Metaplasia, Cartilaginous
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Lung	Alveoli	Inflammation, Suppurative
Nasal cavity		Inflammation, Suppurative
Pituitary gland	Anterior Pituitary	Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_032

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Liver

Hepatocytes

Cytoplasmic Change, Basophilic

Bile Duct

Fibrosis, Focal

Lung

Alveoli

Inflammation, Suppurative

Nasal cavity

Metaplasia, Squamous

Uterus

Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_033

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytomegaly

Kidney

Nephropathy

Liver

Inflammation, Granulomatous Focal

Ovary

Cyst, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_034

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Cortex Nos

Cytoplasmic Vacuolization
Acanthosis
Hyperkeratosis

Kidney
Larynx
Liver

Inflammation, Suppurative
Nephropathy
Inflammation, Suppurative

Hepatocytes

Cytoplasmic Change, Basophilic
Inflammation, Granulomatous Focal

Pituitary gland
Zymbal gland

Anterior Pituitary

Adenoma, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Fibrosis
	Myocardium Nos	Inflammation, Chronic
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Change, Basophilic
		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_036

TRT#: 3

DOSE: 0

SEX: Female

DISP: Scheduled Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney

Larynx

Nasal cavity

Ovary

Pituitary gland

Anterior Pituitary

Nephropathy

Inflammation, Suppurative

Foreign Body, Nos

Inflammation, Suppurative

Cyst, Nos

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_038

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Nephropathy

Larynx

Laryngeal Gland

Dilatation, Nos

Liver

Hepatocytes

Necrosis, Focal

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_039

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Medulla Oblongata Nos	Hemorrhage
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
		Hepatocytomegaly
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_040

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Pericardium Nos Cardiac Valve	Inflammation, Chronic Metaplasia, Cartilaginous
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Pituitary gland	Anterior Pituitary	Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Small

Mesentery Nos

Necrosis, Fat

Kidney

Mesentery Nos

Torsion

Larynx

Nephropathy

Hyperplasia, Epithelial

Liver

Hepatocytes

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Cytoplasmic Change, Basophilic

Hyperplasia, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_042

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Cytoplasmic Vacuolization

Medulla

Pheochromocytoma

Eye

Nasolacrimal Duct

Inflammation, Suppurative

Heart

Myocardium Nos

Fibrosis

Cardiac Valve

Metaplasia, Cartilaginous

Myocardium Nos

Mineralization

Kidney

Nephropathy

Larynx

Inflammation, Suppurative

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_043

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain		Carcinoma, Nos, Invasive
		Cytoplasmic Vacuolization
Clitoral gland		Hyperplasia, Epithelial
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar Macrophages
Mammary gland		Fibroadenoma
Pituitary gland	Anterior Pituitary	Carcinoma, Nos
Stomach	Forestomach	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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_044

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Eye	Nasolacrimal Duct	Inflammation, Suppurative
Heart	Myocardium Nos	Fibrosis
Kidney		Nephropathy
Larynx		Inflammation, Suppurative
Liver	Hepatocytes	Cytoplasmic Vacuolization Hepatocytomegaly
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_045

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Clitoral gland

Medulla

Pheochromocytoma
Carcinoma, Nos
Inflammation, Suppurative
Nephropathy
Inflammation, Granulomatous Focal
Fibroadenoma
Adenoma, Nos
Basal-Cell Carcinoma

Kidney
Liver
Mammary gland
Pituitary gland
Skin

Anterior Pituitary
Face

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_046

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland	Medulla	Hyperplasia, Focal
Brain		Cytoplasmic Vacuolization
Clitoral gland		Acanthosis
		Cyst, Nos
Heart	Atrium	Thrombosis, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Pituitary gland	Anterior Pituitary	Hyperplasia, Nos
Spleen		Fibrosis, Focal
Stomach	Forestomach	Ulcer, Nos
Unspecified	Multiple Organs Nos	Leukemia, Mononuclear Cell
Uterus		Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Medulla

Pheochromocytoma

Kidney

Nephropathy

Ovary

Cyst, Nos

Stomach

Forestomach

Inflammation, Suppurative

Urinary bladder

Submucosa

Edema, Nos

Uterus

Endometrial Stromal Polyp

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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_048

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Kidney		Nephropathy
Liver	Bile Duct	Hyperplasia, Nos
Lung		Alveolar Macrophages
Mammary gland		Galactocele
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Stomach	Forestomach	Ulcer, Nos
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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_049

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Intestine Large

Colon

Parasitism

Kidney

Nephropathy

Lung

Alveoli

Hemorrhage

Ovary

Granulosa-Cell Tumor

Pancreas

Acinus

Atrophy, Focal

Pituitary gland

Anterior Pituitary

Adenoma, 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: 16:31:33

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_050

TRT#: 3

SEX: Female

DAY ON TEST:

DOSE: 0

DISP: Natural Death

HISTO:

OBSERVATIONS

Adrenal gland

Cortex Nos

Hemorrhage

Medulla

Hemorrhage

Brain

White Matter

Cytoplasmic Vacuolization

Heart

Myocardium Nos

Fibrosis

Kidney

Nephropathy

Nasal cavity

Inflammation, Suppurative

Parathyroid gland

Hyperplasia, Nos

Unspecified

Multiple Organs Nos

Mineralization

Multiple Organs Nos

Periarteritis

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****