

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

C Number:	C00215A
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Male

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_303

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland

Inflammation, Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_304

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Mammary gland
Prostate
Thyroid

Fibroma
Inflammation, Acute/Chronic
Cystic Follicles
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_305

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_306

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Lymph node
Prostate
Testis

Inflammation, Chronic
Inflammation, Acute Suppurative
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_307

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_309

TRT#: 1
DOSE: 0

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Unspecified	Abdominal Cavity	Lipoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_001

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Lung	Inflammation, Chronic Focal
Pituitary gland	Chromophobe Adenoma
Thyroid	Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_002

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pituitary gland

Cortex Nos

Hyperplasia, Focal
Inflammation, Chronic
Chromophobe Adenoma
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_003

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver

Inflammation, Chronic
Hepatocellular Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_004

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pituitary gland

Cortex Nos

Hyperplasia, Focal
Inflammation, Chronic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_005

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Metamorphosis, Fatty
Inflammation, Chronic
Mixed Tumor, Malignant

Liver
Pancreas
Pituitary gland

Bile Duct

Hyperplasia, Focal
Periarteritis
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_006

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_007

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Blood vessel	Aorta Nos	Calcification, Medial
Intestine Small	Mesentery Nos	Periarteritis
Kidney		Inflammation, Chronic
Pancreas	Acinus	Atrophy, Nos
Parathyroid gland		Hyperplasia, Nos
Stomach		Calcification, Metastatic
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH -

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_008

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_009

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Liver
Testis

Mesentery Nos

Periarteritis
Inflammation, Chronic
Metamorphosis, Fatty
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_010

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Testis	Atrophy, Nos
Thyroid	C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_011

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_012

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Pituitary gland	Carcinoma, Nos
Testis	Atrophy, Nos
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_013

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Carcinoma, Nos

Kidney

Cortical Adenoma

Thyroid

Inflammation, Chronic

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_014

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_016

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Testis

Chromophobe Adenoma
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_017

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Testis

Angiectasis
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_018

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_019

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart
Kidney
Pituitary gland

Myocardium Nos

Fibrosis, Focal
Inflammation, Chronic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_020

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Liver	Degeneration, Parenchymatous
Pituitary gland	Cyst, Nos
Testis	Atrophy, Nos
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_021

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Testis

Inflammation, Chronic
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_022

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Lung

Congestion, Nos
Edema, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_023

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Skin

Hyperplasia, Focal
Fibrous Histiocytoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_024

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Neoplastic Nodule
Pancreas	Islets	Islet-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_026

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_027

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_028

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Intestine Small
Kidney
Pancreas
Testis

Mesentery Nos

Periarteritis
Inflammation, Chronic
Periarteritis
Periarteritis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_029

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Intestine Small
Kidney
Pituitary gland
Testis
Thyroid

Cortex Nos
Mesentery Nos

Hyperplasia, Focal
Periarteritis
Inflammation, Chronic
Hyperplasia, Nos
Periarteritis
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_030

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pituitary gland

Cortex Nos

Hyperplasia, Focal
Mixed Tumor, Malignant
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_031

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Testis		Atrophy, Nos
Unspecified	Multiple Organs Nos	Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_032

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Liver

Cortical Adenoma
Degeneration, Ballooning

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_033

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney	Inflammation, Chronic
Pancreas	Periarteritis
Thyroid	Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_034

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Thrombus, Organized
Kidney	Inflammation, Chronic
Lung	Atelectasis
Thyroid	Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_035

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Lung
Pituitary gland

Inflammation, Chronic
Inflammation, Chronic Focal
Adenoma, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_036

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Bone	Humerus	Osteosarcoma
Heart	Myocardium Nos	Fibrosis
Lung		Osteosarcoma, Metastatic
Pituitary gland		Cyst, Nos
Skin	Foot And Toe Nos	Granulation Tissue
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_037

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_038

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland
Thyroid

Inflammation, Chronic
Degeneration, Ballooning
Carcinoma, Nos
Follicular-Cell Carcinoma
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_040

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Prostate		Inflammation, Acute/Chronic
Skin	Lower Leg	Granulation Tissue
Urinary bladder		Inflammation, Chronic Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_041

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Degeneration, Cystic

Hemorrhage

Pituitary gland

Chromophobe Adenoma

Thyroid

Cyst, Follicular Nos

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_043

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland
Kidney

Cortex Nos

Hyperplasia, Focal
Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_044

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Myocardium Nos	Inflammation, Interstitial
Pituitary gland		Cyst, Nos
Prostate		Inflammation, Suppurative
Skin	Lower Leg	Inflammation, Granulomatous
Spleen		Hemangiosarcoma
Urinary bladder		Inflammation, Chronic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_046

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Mammary gland
Pituitary gland
Skin
Thyroid

Bile Duct

Upper Lip

Inflammation, Chronic
Dysplasia, Nos
Cyst, Nos
Basal-Cell Tumor
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_047

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Liver

Inflammation, Chronic
Granuloma, Foreign Body

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_048

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Pituitary gland
Prostate

Chromophobe Adenoma
Inflammation, Acute/Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_049

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Nos
Pituitary gland		Hyperplasia, Focal
Testis		Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_050

TRT#: 2
DOSE: 8000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Parathyroid gland
Stomach

Inflammation, Chronic
Hyperplasia, Nos
Calcification, Metastatic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_466

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Testis
Thyroid

Inflammation, Chronic
Atrophy, Nos
Follicular-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_467

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Mammary gland

Inflammation, Chronic
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_468

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Heart	Thrombosis, Nos
Kidney	Inflammation, Chronic
Liver	Metamorphosis, Fatty
Parathyroid gland	Hyperplasia, Nos
Pituitary gland	Chromophobe Adenoma
Prostate	Inflammation, Suppurative
Salivary gland	Fibroma
Stomach	Calcification, Metastatic

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:33
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_469

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver Inflammation, Granulomatous Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_470

TRT#: 3
DOSE: 0

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney
Parathyroid gland

Inflammation, Chronic
Hyperplasia, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_051

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Hamartoma

Liver

Inflammation, Chronic

Pancreas

Islets

Focal Cellular Change

Pituitary gland

Islet-Cell Adenoma

Thyroid

Cyst, Nos

C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_052

TRT#: 4
DOSE: 12000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Liver
Thyroid

Bile Duct

Hyperplasia, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_053

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis

Atrophy, Nos

Thyroid

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_054

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pituitary gland

Pheochromocytoma
Inflammation, Chronic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_056

TRT#: 4
DOSE: 12000 PPM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Brain	Meninges	Cyst, Multiple
Kidney		Inflammation, Chronic
Lung		Squamous Cell Carcinoma, Metastatic
Nerve, peripheral	Trigeminal Nerve Nos	Squamous Cell Carcinoma
Pituitary gland		Cyst, Nos
Testis		Atrophy, Nos
Thyroid		Cyst, Multiple

PRIMARY CAUSE OF DEATH -

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_058

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Degeneration, Parenchymatous
Thyroid		Cystic Follicles

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_060

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Degeneration, Parenchymatous

Thyroid

Follicle

Atrophy, Nos

Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_062

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Spleen
Thyroid

Inflammation, Chronic
Fibrosis, Focal
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_063

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Pancreas	Islets	Islet-Cell Adenoma
Pituitary gland		Hyperplasia, Nos
Spleen		Fibrosis, Focal
Thyroid		Cystic Follicles
		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_064

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Thyroid

Pheochromocytoma

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_065

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_066

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Thyroid

Inflammation, Chronic
Follicular-Cell Carcinoma
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_067

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Pituitary gland
Thyroid

Cortical Adenoma
Cyst, Nos
Cystic Follicles
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_068

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_069

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Degeneration, Parenchymatous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_070

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

Skin

Cyst, Nos

Fibrous Histiocytoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_071

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Pancreas

Inflammation, Chronic

Thyroid

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_072

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Liver

Neoplastic Nodule

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_073

TRT#: 4
DOSE: 12000 PPM

SEX: Male
DISP: Scheduled Sacrifice

DAY ON TEST:
HISTO:

OBSERVATIONS

Adrenal gland	Cortex Nos	Hyperplasia, Focal
Heart	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Liver		Focal Cellular Change
Pancreas	Acinus	Atrophy, Nos
Pituitary gland		Hyperplasia, Focal
Thyroid		Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_074

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_075

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_076

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Cortical Adenoma

Pituitary gland

Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_077

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Lung
Thyroid

Inflammation, Chronic
Inflammation, Chronic Focal
C-Cell Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_078

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Brain
Pituitary gland

Meningioma
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_079

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain
Pituitary gland

Cerebellum Nos

Granular-Cell Tumor, Benign
Cyst, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_080

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

Thyroid

Mixed Tumor, Malignant

Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_081

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart		Arteriosclerosis, Nos
	Myocardium Nos	Fibrosis, Focal
Kidney		Inflammation, Chronic
Pituitary gland		Chromophobe Adenoma
Prostate		Inflammation, Acute Suppurative
Stomach		Calcification, Metastatic
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_082

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland

Inflammation, Chronic
Chromophobe Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_083

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland
Spleen

Cyst, Nos
Fibrosis

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_084

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney
Testis
Thyroid

Inflammation, Chronic
Atrophy, Nos
Follicular-Cell Adenoma
Hyperplasia, C Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_085

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Kidney

Liver

Parathyroid gland

Stomach

Thyroid

Bile Duct

Pheochromocytoma

Inflammation, Chronic

Hyperplasia, Focal

Hyperplasia, Diffuse

Calcification, Metastatic

Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_086

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland
Kidney
Pancreas
Pituitary gland
Thyroid

Islets

Pheochromocytoma
Inflammation, Chronic
Islet-Cell Adenoma
Carcinoma, Nos
Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_087

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_088

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver	Bile Duct	Hyperplasia, Diffuse
		Sarcoma, Nos
Spleen		Fibrosis
Thymus		Sarcoma, Nos
Urinary bladder		Inflammation, Acute Diffuse

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_090

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Blood vessel
Kidney
Liver

Aorta Nos

Arteriosclerosis, Nos
Inflammation, Chronic
Metamorphosis, Fatty

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_091

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Natural Death

HISTO:

OBSERVATIONS

Prostate

Inflammation, Acute Necrotizing

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_092

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Liver
Pituitary gland

Capsule

Inflammation, Chronic
Angiectasis
Hyperplasia, Focal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_093

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Heart
Kidney
Pituitary gland
Skin

Endocardium Nos

Neck

Fibrosis
Inflammation, Chronic
Cyst, Nos
Fibrous Histiocytoma, Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_094

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Testis
Thyroid

Inflammation, Chronic
Hyperplasia, Nos
Hyperplasia, Interstitial Cell
Follicular-Cell Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_096

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Pituitary gland
Testis

Inflammation, Chronic
Cyst, Nos
Atrophy, Nos

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_097

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Thyroid

Inflammation, Chronic
Hyperplasia, Follicular Cell
Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_098

TRT#: 4
DOSE: 12000 PPM

SEX: Male
DISP: Natural Death

DAY ON TEST:
HISTO:

OBSERVATIONS

Kidney		Inflammation, Chronic
Liver		Metamorphosis, Fatty
Lung	Alveoli	Calcification, Metastatic
Parathyroid gland		Hyperplasia, Nos
Stomach		Calcification, Metastatic

PRIMARY CAUSE OF DEATH -

Experiment Number: C00215A
Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/Osborne Mendel

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Malathion
CAS Number: 121-75-5

Date Report Requested: 10/26/2014
Time Report Requested: 14:15:34
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_100

TRT#: 4

SEX: Male

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Heart	Endocardium Nos	Fibrosis
Kidney		Inflammation, Chronic
Liver		Degeneration, Parenchymatous
Thyroid		Hyperplasia, Follicular Cell

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****