

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: 10:46:58
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:	Female

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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_311	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland Pituitary gland	Mammary Lobule	Hyperplasia, Nos 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_313	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Pheochromocytoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_315	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_316	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Mammary gland	Cortex Nos	Hyperplasia, Focal Fibrosing Adenosis	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_317	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Angiectasis	
		Cortical Adenoma	
Uterus		Endometrial Stromal Polyp	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_318	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Mammary gland		Hyperplasia, Nos	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_319	TRT#: 1 DOSE: 0	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Mixed Tumor, Malignant	
Liver		Metamorphosis, Fatty	
Pituitary gland		Chromophobe Adenoma	
Spleen		Metaplasia, Myeloid	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 1_320	TRT#: 1 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Lymph node Uterus	Pancreatic Lymph Node	Inflammation, Nos Endometrial Stromal Polyp	
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_101	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical 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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_102	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Thyroid		Hyperplasia, Follicular Cell	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_103	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Lung		Fibrosarcoma, Metastatic	
Mammary gland		Adenoma, Nos	
		Fibroadenoma	
Pituitary gland		Hemorrhage	
Thyroid		Cystic Follicles	
Unspecified		Fibrosarcoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_104	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Stomach		Erosion	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_105	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Brain		Hamartoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_106	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Angiectasis	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_107	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland		Cortical 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_108	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS Kidney		Mixed Tumor, Malignant	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_109	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland		Hyperplasia, Focal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_111	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 8000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
		Degeneration, Cystic	
		Hemorrhage	
Heart	Myocardium Nos	Fibrosis, Focal	
Mammary gland		Fibroadenoma	
		Fibroma	
Pituitary gland		Chromophobe Adenoma	
Thyroid		Cystic Follicles	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_112	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Adenoma	
Thyroid		C-Cell Adenoma	
		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_114	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_115	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Ovary		Cyst, Follicular Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_116	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Kidney Pituitary gland	Cortex Nos	Degeneration, Cystic Inflammation, Chronic Carcinoma, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_117	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_118	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_119	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Pancreas	Islets	Islet-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_120	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
		Degeneration, Cystic	
Mammary gland		Hyperplasia, Nos	
Pancreas	Acinus	Atrophy, Focal	
Thyroid		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_121	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Skin		Ulcer, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_123	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Hemangioma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_124	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		Fibroadenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_125	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		Fibroadenoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_126	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Thyroid	Cortex Nos Follicle	Degeneration, Cystic 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_127	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Brain		Granular-Cell Tumor, Benign	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_128	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Mammary gland Pituitary gland	Cortex Nos	Degeneration, Cystic Fibroma 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_129	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Kidney		Degeneration, Cystic	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_130	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Heart	Endocardium Nos	Fibrosis	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_131	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_132	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 8000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Mammary gland		Fibroadenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_133	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland		Cortical 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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_134	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Alveolar/Bronchiolar Adenoma	
Pituitary gland		Chromophobe Adenoma	
Uterus		Endometrial Stromal Polyp	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_135	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos Cortex Nos	Degeneration, Cystic Hyperplasia, Focal Hyperplasia, C Cell	
Thyroid			
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_136	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Cystic	
Liver	Bile Duct	Hyperplasia, Focal	
Pituitary gland		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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_137	TRT#: 2	SEX: Female	DAY ON TEST:
	DOSE: 8000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Lung		Inflammation, Acute Hemorrhagic	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_138	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Pituitary gland		Chromophobe Adenoma	
Spleen		Hemangioma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_140	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Pituitary gland		Carcinoma, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_141	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_142	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Pituitary gland Thyroid	Cortex Nos	Degeneration, Cystic Hyperplasia, Focal Hyperplasia, C Cell	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2_143	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver	Bile Duct Bile Duct	Angiectasis Hyperplasia, Nos Inflammation, Nos 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_144	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_145	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Kidney Pituitary gland	Cortex	Cyst, Nos 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_146	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Angiectasis	
Liver		Angiectasis	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_147	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Focal Cellular Change	
Thyroid		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_148	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_149	TRT#: 2 DOSE: 8000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Metamorphosis, Fatty	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 2_150

TRT#: 2

SEX: Female

DAY ON TEST:

DOSE: 8000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Liver

Necrosis, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_471	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_473	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver	Hepatic Sinusoid	Congestion, Nos	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 3_474	TRT#: 3 DOSE: 0	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_151	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Metamorphosis, Fatty	
Pituitary gland		Degeneration, Cystic	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_152	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Liver		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_153	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Pituitary gland		Chromophobe Adenoma	
Uterus		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_154	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Brain		Granular-Cell Tumor, Benign	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_155	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Mammary gland		Fibroadenoma	
Pituitary gland		Chromophobe Carcinoma	
Spleen		Hyperplasia, Reticulum Cell	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_156	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Liver		Angiectasis	
Mammary gland		Fibroadenoma	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_157	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		Fibroadenoma Fibroma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_158	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_159	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia, Nos	
		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_160	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Adrenal gland Brain	Cortex Nos	Angiectasis Glioma, Nos	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_161	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Angiectasis	
Liver		Neoplastic Nodule	
Mammary gland		Fibroadenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_163	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Pituitary gland		Chromophobe Adenoma	
Thyroid		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_164	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Focal Cellular Change	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_165

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_166	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Mammary gland		Fibroadenoma	
Thyroid		Follicular-Cell Carcinoma	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_168	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Degeneration, Cystic	
Kidney	Tubule	Degeneration, Nos	
Liver		Degeneration, Parenchymatous	
	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Acute	
Mammary gland		Dysplasia, Nos	
Pituitary gland		Chromophobe Adenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_169	TRT#: 4 DOSE: 12000 PPM	SEX: Female 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_171	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Angiectasis	
	Cortex Nos	Metamorphosis, Fatty	
Liver	Bile Duct	Inflammation, Nos	
		Necrosis, Nos	
Thyroid		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_172	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_173	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_174

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland

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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_175	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Neoplastic Nodule	
Pituitary gland		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_176	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Pituitary gland		Congestion, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_177	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Natural Death	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_178	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Lung		Fibrosarcoma, Metastatic	
Spleen		Inflammation, Chronic	
Unspecified		Fibrosarcoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_179	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Lung		Inflammation, Focal	
Uterus		Hydrometra	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_180	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Adrenal gland	Cortex Nos	Angiectasis	
Heart	Myocardium Nos	Metamorphosis, Fatty	
Kidney		Inflammation, Chronic 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_181	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Angiectasis	
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_182	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver		Angiectasis	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_183	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Pancreas	Islets	Islet-Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_184	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Adrenal gland		Cortical Adenoma	
Kidney		Inflammation, Chronic	
Liver		Clear-Cell Change	
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_185	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
Mammary gland		Fibroadenoma	
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_186	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Intestine Small	Mesentery Nos	Periarteritis	
Kidney		Glomerulonephritis, Nos	
Liver		Angiectasis	
		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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_187	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Liver		Angiectasis	
	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_188	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Infarct, Nos	
Uterus		Leiomyosarcoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_189	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver		Angiectasis	
Thyroid		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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_191	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Angiectasis	
Pituitary gland		Chromophobe Adenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_194

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 12000 PPM

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Adrenal gland

Liver

Pancreas

Acinus

Cortical Adenoma

Metamorphosis, Fatty

Atrophy, 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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_195

TRT#: 4

SEX: Female

DAY ON TEST:

DOSE: 12000 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain	Carcinoma, Nos, Metastatic
Nasal cavity	Carcinoma, 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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_196	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Spleen		Hemangioma	
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: 10:46:58

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 4_197	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Moribund Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Liver		Metamorphosis, Fatty	
Mammary gland		Adenocarcinoma, Nos	
PRIMARY CAUSE OF DEATH		-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4_198	TRT#: 4	SEX: Female	DAY ON TEST:
	DOSE: 12000 PPM	DISP: Scheduled Sacrifice	HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Adenoma, Nos	
		Angiectasis	
Thyroid		Follicular-Cell Carcinoma	
		Hyperplasia, C Cell	
Uterus		Endometrial Stromal Polyp	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_199	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS Mammary gland		Fibroadenoma	
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: 10:46:58
First Dose M/F: NA / NA
Lab: NA

ANIMAL ID: 4_200	TRT#: 4 DOSE: 12000 PPM	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Liver	Bile Duct	Hyperplasia, Nos	
	Bile Duct	Inflammation, Chronic	
Thyroid		C-Cell Adenoma	
PRIMARY CAUSE OF DEATH	-		

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE