

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

C Number:	C60231
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	11/17/1988

Experiment Number: 05705-02

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12520

TRT#: 2

SEX: Male

DAY ON TEST: 718

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney	Cortex	Cyst	Mild
	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
Note: CYST	TGLs = 5-15.1		
Liver		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: INFILTRAT CELL	TGLs = 7-4		
Lymph Node	Renal	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 6-15.2		
Parathyroid Gland		Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-15		
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS	TGLs = 3-12		
Stomach	Glandular	Mineralization	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

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Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12520

TRT#: 2

SEX: Male

DAY ON TEST: 718

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,4-5.1			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12521

TRT#: 3

SEX: Male

DAY ON TEST: 457

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Preputial Gland	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 1-4			
Pancreas		Atrophy	Focal, Minimal
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Focal, Mild
Note: INFILTRAT CELL TGLs = 2-16			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12522

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Multifocal, Mild
Note: BASOPH FOCUS	TGLs = 4-15		
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Hyperplasia	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12523

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-10		
Heart		Leukemia Mononuclear	
Intestine Small	Duodenum	Necrosis	Acute, Focal, Mild
Note: NECROSIS	TGLs = 8-15		
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-12		
Liver	Hepatocyte	Hypertrophy	Focal, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11+15		
Note: HYPERPLASIA	TGLs = 1-15		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-15		
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-15.1		
Nose	Mucosa	Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12523

TRT#: 3

SEX: Male

DAY ON TEST: 653

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Acute, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Focal, Mild
Note: INFILTRAT CELL TGLs = 12-16			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-5.1			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12524

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 644
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pituitary Gland
Prostate	Salivary Glands	Thymus	Thyroid Gland
Trachea			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone		Fibrous Osteodystrophy	Minimal
Heart		Inflammation	Chronic, Mild
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-12			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Focal, Mild
Note: [ALV BRON ADEN] TGLs = 11-15.1			
Pancreas		Adenoma	
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 12-2			
Preputial Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 2-5.2			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-15			
Spleen		Fibrosis	Mild
Note: FIBROSIS TGLs = 7-12			
Stomach	Forestomach	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12524

TRT#: 2

SEX: Male

DAY ON TEST: 644

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION TGLs = 9-6,8-15.3	Glandular	Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate
Note: ATROPHY TGLs = 4-5.1			
Note: ADENOMA TGLs = 3,5-5.1			
Urinary Bladder		Hemorrhage	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12525

TRT#: 3

SEX: Male

DAY ON TEST: 522

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-4		
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-15		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12527

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Moderate
Note: MANY BLOOD VESSELS HAVE MINERALIZATION			
Note: MINERALIZATION TGLs = 7-3			
Bone		Fibrous Osteodystrophy	Marked
Heart		Mineralization	Moderate
Note: MINERALIZATION TGLs = 6-9			
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver	Bile Duct	Hyperplasia	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
Parathyroid Gland		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 8-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-15			
Stomach	Forestomach	Mineralization	Mild
	Glandular	Mineralization	Mild
Note: MINERALIZATION TGLs = 4,5-6+15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12527

TRT#: 3

SEX: Male

DAY ON TEST: 698

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12529

TRT#: 1

SEX: Male

DAY ON TEST: 718

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Skin	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Fibrosis	Focal, Moderate
	Valve	Thrombosis	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 4-12		
Note: NEPHROPATHY	TGLs = 4-12		
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4		
Lymph Node	Mesenteric	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 8-1		
Nose		Cyst	Minimal
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-1		
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands		Atrophy	Diffuse, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12529	TRT#: 1	SEX: Male	DAY ON TEST: 718
	DOSE: CONTROL MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 3-12		Leukemia Mononuclear	
Stomach Note: INFLAMMATION TGLs = 9-6	Glandular	Inflammation	Acute, Mild
Testes Note: ADENOMA TGLs = 5-5.1	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12533

TRT#: 1

SEX: Male

DAY ON TEST: 436

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-10		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-15		
Pancreas		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Glandular	Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 2-6		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12536

TRT#: 2

SEX: Male

DAY ON TEST: 448

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Small - Jejunum	Seminal Vesicle
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INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Autolysis	Moderate
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			
Tissue NOS		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12539

TRT#: 2

SEX: Male

DAY ON TEST: 718

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Thrombosis	Marked
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 6-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Mammary Gland	Duct	Ectasia	Minimal
Nose	Mucosa	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL TGLs = 1-12+15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12543

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Preputial Gland	Prostate	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Multifocal, Mild
	Bile Duct	Hyperplasia	Minimal
		Thrombosis	Mild
Note: CYTOPLAS ALTER TGLs = 5-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12544

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Ileum	Seminal Vesicle
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OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-15		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 8-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-11		
Lung		Leukemia Mononuclear	
Nose	Vomeronas Org	Inflammation	Acute, Minimal
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 3-15		
Skin		Inflammation	Chronic, Focal, Moderate
Note: INFLAMMATION	TGLs = 2-15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5,9-5.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12544

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12545

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 1,2-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12546

TRT#: 1

SEX: Male

DAY ON TEST: 629

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

AUTO PRECLUDES DIAG.

Intestine Large - Cecum Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Inflammation	Acute, Moderate
Note: FIBROMA TGLs = 1-15			
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12550

TRT#: 2

SEX: Male

DAY ON TEST: 588

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node - Mesenteric	Pituitary Gland
Seminal Vesicle			

OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Congestion	Minimal
Lung		Congestion	Minimal
[Congestion TGLS = 2-4]			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12551

TRT#: 1

SEX: Male

DAY ON TEST: 631

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skeletal Muscle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Seminal Vesicle	Urinary Bladder
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OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
		Mineralization	Mild
Intestine Large	Rectum	Inflammation	Acute, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver	Bile Duct	Hyperplasia	Mild
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12552

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Seminal Vesicle	Skin
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-11			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10-4			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-1+15			
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3,4-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 7,8-5.1			
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-3			
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12552

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12555

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-5.1		
Thymus		Cyst	Multiple, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12556

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 647
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	Minimal
Note: THROMBUS	TGLs = 6-9,15		
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver	Centrilobular	Fatty Change	Moderate
	Bile Duct	Hyperplasia	Moderate
Note: FATTY CHANGE	TGLs = 4-11		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: INFILTRAT CELL	TGLs = 5-15.1		
Pancreas		Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Inflammation	Acute, Mild
Note: INFLAMMATION	TGLs = 7-7		
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12556

TRT#: 2

SEX: Male

DAY ON TEST: 647

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12557

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Mesenteric	Nose
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Necrosis Pheochromocytoma Benign Inflammation	Focal, Minimal Acute, Moderate
Blood Vessel			
Note: NOT AORTA BUT BLOOD VESSEL ATTACHED TO AORTA			
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation Mineralization	Chronic, Moderate Mild
Islets, Pancreatic		Adenoma	
Kidney	Pelvis, Transit Epithe Pelvis	Hyperplasia Inflammation Nephropathy	Moderate Acute, Mild Marked
Note: NEPHROPATHY TGLs = 1-12			
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Perivascular	Hemorrhage Inflammation	Focal, Mild Chronic, Minimal
Note: HEMORRHAGE TGLs = 7-4			
Mammary Gland	Duct	Ectasia Hyperplasia	Minimal Minimal
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Adenoma	
Note: ADENOMA TGLs = 4-2			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12557

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS	TGLs = 5-1	Pars Distalis	Angiectasis	Mild
Preputial Gland			Inflammation	Chronic, Mild
Prostate			Inflammation	Chronic Active, Moderate
Salivary Glands		Duct	Inflammation	Acute, Minimal
Stomach		Glandular	Mineralization	Mild
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1			
Urinary Bladder		Transit Epithe	Papilloma	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12558

TRT#: 3

SEX: Male

DAY ON TEST: 577

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Parathyroid Gland	Seminal Vesicle	Testes
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Necrosis	Acute, Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Acute, Minimal
Penis		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 1-5.1			
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12559

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: LEUKEMIA MONUC TGLs = 2-12			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: NEOPLASTIC NOD TGLs = 9-15			
Lung	Bronchiole	Inflammation	Chronic Active, Multifocal, Mild
Note: INFLAMMATION TGLs = 10-4			
Lymph Node	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7,8-1+15			
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Mild
Skin	Face	Basal Cell Carcinoma	
	Face	Inflammation	Acute, Focal, Mild
Note: BASAL CEL CARC TGLs = 6-15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12559	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 30 MG/KG MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION	TGLs = 6-15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach		Glandular	Hemorrhage
Note: HEMORRHAGE	TGLs = 11-16		Focal, Minimal
Testes		Bilateral, Interstit Cell	
Note: ADENOMA	TGLs = 3,4,5-5.1		Adenoma
Thymus			Congestion
Thyroid Gland		C Cell	Hyperplasia
			Mild
			Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12560

TRT#: 1

SEX: Male

DAY ON TEST: 691

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Trachea			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic Leukemia Mononuclear	Focal, Mild
Bone Marrow		Inflammation	Chronic, Mild
Heart		Parasite Metazoan	
Intestine Large	Colon	Nephropathy	Moderate
Kidney		Angiectasis	Focal, Mild
Liver	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Focal, Mild Moderate
<p>Note: DEGEN TGLs = 5-16</p> <p>Note: LEUKEMIA MONUC TGLs = 4-11</p> <p>Note: ANGIECTASIS TGLs = 5-16</p>			
Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12560

TRT#: 1

SEX: Male

DAY ON TEST: 691

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 1-12		Leukemia Mononuclear	
Stomach Note: HYPERPLASIA TGLs = 6-16	Epithelium, Forestomach Forestomach Forestomach	Hyperplasia Inflammation Necrosis	Moderate Acute, Mild Focal, Mild
Testes Note: ADENOMA TGLs = 2,3-5.1	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12561

TRT#: 1

SEX: Male

DAY ON TEST: 585

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Prostate

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Hyperplasia	Megakaryocyte, Moderate
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 4-4			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1		Mineralization	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12563

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Epididymis		Mesothelioma Benign	
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
	Pelvis	Inflammation	Acute, Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 7-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,9-11+16		
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.1		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 8-5		
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 3-15.2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12563

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-12

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 5-5.1

Urinary Bladder

Inflammation

Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12564

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Bilateral, Lens	Cataract	Moderate
Note: CATARACT TGLs = 1-15			
Heart	Atrium Lft	Inflammation	Chronic, Mild
Note: THROMBUS TGLs = 5-15		Thrombosis	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-12			
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS TGLs = 7-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Nose	Mucosa	Inflammation	Chronic Active, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12565

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 8-12			
Liver	Hepatocyte	Angiectasis Degeneration Leukemia Mononuclear	Moderate Cystic, Focal, Mild
Note: LEUKEMIA MONUC TGLs = 7-11			
Note: DEGEN TGLs = 10-17			
Note: ANGIECTASIS TGLs = 11-18			
Lymph Node	Inguinal	Leukemia Mononuclear	
Mammary Gland		Adenoma	
Note: ADENOMA TGLs = 2-15.1			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Hyperplasia	Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-15			
Spleen		Fibrosis	Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12565

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 4-12

Note: FIBROSIS TGLs = 9-16

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 5,6-5.1

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12567

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 647
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Eye	Sclera	Mineralization	Focal, Mild
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Autolysis	Moderate
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 7-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8,9-1+15		
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 10-16		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Marked
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12567

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 647
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 2-12		Leukemia Mononuclear	
Stomach Note: INFLAMMATION TGLs = 6-6	Forestomach Glandular	Inflammation Inflammation	Acute, Mild Chronic Active, Moderate
Testes Note: ADENOMA TGLs = 4-5.1	Bilateral, Interstit Cell	Adenoma Mesothelioma Benign	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:46
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12569

TRT#: 3

SEX: Male

DAY ON TEST: 632

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8-15.1+15.2		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,9-12+15		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:46

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12569

TRT#: 3

SEX: Male

DAY ON TEST: 632

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 6,10-5.1+16

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12570

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 647
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea

MISSING

Seminal Vesicle

OBSERVATIONS

Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose		Fungus	
	Mucosa	Inflammation	Chronic, Moderate
Pancreas		Atrophy	Focal, Mild
		Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-12		
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Mild
	Glandular	Necrosis	Focal, Mild
Note: HYPERPLASIA	TGLs = 5-15		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		
Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12570

TRT#: 2

SEX: Male

DAY ON TEST: 647

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12572

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked, Mild
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-1		
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-12		
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Minimal
Note: INFILTRAT CELL	TGLs = 7-16		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12572

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12574

TRT#: 3

SEX: Male

DAY ON TEST: 624

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Bone Marrow		Hypoplasia	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Nose		Congestion	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12575

TRT#: 1

SEX: Male

DAY ON TEST: 291

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Bone Marrow			
Note: HAS PROCESSING ARTIFACT IN FORM OF CRYSTALS			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Mild
Note: CONGESTION TGLs = 2-4			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Mild
Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12576

TRT#: 3

SEX: Male

DAY ON TEST: 366

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Pancreas
Prostate
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Brain
Intestine Small - Duodenum
Liver
Parathyroid Gland
Skin
Testes
Urinary Bladder

Blood Vessel
Epididymis
Intestine Small - Ileum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Thymus

Bone
Esophagus
Intestine Small - Jejunum
Mammary Gland
Preputial Gland
Stomach - Forestomach
Thyroid Gland

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Heart
Intestine Large
Kidney
Lung
Note: CONGESTION TGLs = 1-4
Nose
Salivary Glands

Colon

Periductular

Inflammation
Parasite Metazoan
Nephropathy
Congestion

Congestion
Inflammation

Chronic, Minimal

Minimal
Moderate

Mild
Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12578

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
		Thrombosis	Mild
Note: LEUKEMIA MONUC	TGLs = 6,8,9,10-11+16		
Lung		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Nose		Cyst	
Preputial Gland		Inflammation	Acute, Minimal
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4-5.1		
Thymus		Hemorrhage	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12580

TRT#: 1

SEX: Male

DAY ON TEST: 575

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Ear
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Multifocal, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 4-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Congestion	Mild
	Mediastinal	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-15			
Mesentery	Fat	Necrosis	Chronic, Multifocal, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12580

TRT#: 1

SEX: Male

DAY ON TEST: 575

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12581

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Infiltration Cellular	Lymphocyte, Mild
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Preputial Gland		Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 3-15			
Prostate		Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12582

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-12			
Liver	Hepatocyte	Degeneration	Cystic, Focal, Minimal
		Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 8-16			
Note: LEUKEMIA MONUC TGLs = 5-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-1			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Hyperplasia	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-12			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12582

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 1,2,3-5.1

Thyroid Gland

C Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12583

TRT#: 2

SEX: Male

DAY ON TEST: 557

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Seminal Vesicle			

OBSERVATIONS

Brain		Hemorrhage	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic, Minimal
Lung			
Note: LUNG HAS A LYMPHATIC WITH A LARGE CLUSTER OF			
Note: LYMPHOCYTES.			
Mammary Gland	Duct	Ectasia	Minimal
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Chronic, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Mild
Testes		Atrophy	Mild
Note: ATROPHY	TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12586

TRT#: 2

SEX: Male

DAY ON TEST: 599

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 2-4			
Nose	Mucosa	Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 3-1			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12588

TRT#: 2

SEX: Male

DAY ON TEST: 706

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 7-6.1			
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Acute, Mild
Parathyroid Gland		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Inflammation	Acute, Minimal
	Glandular	Necrosis	Focal, Minimal
Note: INFLAMMATION TGLs = 6-15.1			
Note: NECROSIS TGLs = 5-6+15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12588

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 706
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

Note: ADENOMA TGLs = 4-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12592	TRT#: 2	SEX: Male	DAY ON TEST: 364
	DOSE: 15 MG/KG MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Brain		Astrocytoma Malignant	
Kidney		Nephropathy	Minimal
Liver		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Mild
Stomach	Forestomach	Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12594

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood Vessel

Bone

Brain

Esophagus

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mesenteric

Pancreas

Parathyroid Gland

Prostate

Salivary Glands

Stomach - Forestomach

Thymus

Thyroid Gland

Trachea

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Focal, Minimal

Bone Marrow

Leukemia Mononuclear

Epididymis

Mesothelioma Benign

Heart

Inflammation

Chronic, Mild

Kidney

Nephropathy

Moderate

Note: NEPHROPATHY TGLs = 10-12

Liver

Angiectasis

Focal, Mild

Note: LEUKEMIA MONUC TGLs = 6,13-11+17

Note: THROMBUS TGLs = 13-17

Lung

Leukemia Mononuclear

Mammary Gland

Pigmentation

Minimal

Nose

Fungus

Respirat Epith

Hyperplasia

Papillary, Moderate

Mucosa

Inflammation

Chronic Active, Moderate

Pituitary Gland

Pars Distalis

Angiectasis

Minimal

Note: ANGIECTASIS TGLs = 11-1

Preputial Gland

Cyst

Minimal

Inflammation

Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12594

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin Note: TRICHOEPITHEL TGLs = 2-15	Subcut Tiss	Trichoepithelioma	
Spleen Note: LEUKEMIA MONUC TGLs = 4,5-12		Leukemia Mononuclear	
Stomach Note: INFLAMMATION TGLs = 12-16	Glandular	Inflammation	Chronic, Mild
Testes Note: ADENOMA TGLs = 7,8,9-5.1	Bilateral, Interstit Cell	Adenoma	
Urinary Bladder		Mesothelioma Benign	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12596

TRT#: 3

SEX: Male

DAY ON TEST: 669

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Brain		Hydrocephalus	Minimal
	Cerebellum	Pigmentation	Focal, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Nose	Mucosa	Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-1			
Preputial Gland		Ectasia	Moderate
		Inflammation	Chronic, Minimal
		Inflammation	Acute, Mild
Note: ECTASIA TGLs = 1-15			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12596

TRT#: 3

SEX: Male

DAY ON TEST: 669

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12599

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Cyst Pheochromocytoma Benign Inflammation	Minimal Chronic, Mild
Heart Note: INFLAMMATION TGLs = 5-9			
Kidney Note: NEPHROPATHY TGLs = 4-12 Note: CYST TGLs = 8-16	Cortex	Cyst Nephropathy	Mild Moderate
Liver Note: LEUKEMIA MONUC TGLs = 2,7-11+16	Hepatocyte	Degeneration Leukemia Mononuclear	Cystic, Focal, Minimal
Lung Note: INFLAMMATION TGLs = 6-4		Inflammation Leukemia Mononuclear	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Acute, Focal, Minimal
Spleen Note: LEUKEMIA MONUC TGLs = 1-12		Leukemia Mononuclear	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12599

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-5.1

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12600

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-5.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12603

TRT#: 1

SEX: Male

DAY ON TEST: 679

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Liver
Lymph Node - Mesenteric	Mammary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Moderate
Bone Marrow		Hypoplasia	Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Focal, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Lung		Inflammation	Granulomatous, Focal, Mild
Nose	Mucosa	Concretion	Focal, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 3,4-6+15		
Testes	Bilateral, Interstit Cell	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12605

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-12			
Liver		Basophilic Focus	Multiple
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Inflammation	Chronic, Minimal
Preputial Gland		Leukemia Mononuclear	
Spleen		Inflammation	Chronic, Minimal
Note: LEUKEMIA MONUC TGLs = 3-12		Leukemia Mononuclear	
Stomach			
Note: STOMACH			
Note: ANOMALY--HAS SMALL PATCH OF FORESTOMACH IN GLANDULAR			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12610

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal, Mild
Lung	Subpleura	Inflammation	Chronic, Mild
Nose	Mucosa	Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-1		
Preputial Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 1-5		
Spleen		Congestion	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12612

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5-12			
Liver		Basophilic Focus	Mild
		Cytoplasmic Alteration	Focal, Moderate
	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Neoplastic Nodule	
Note: CYTOPLAS ALTER TGLs = 2-11			
Note: [NEOPLASTIC NOD] TGLs = 9-16			
Note: [BASOPH FOCUS] TGLs = 9-16			
Lung		Inflammation	Granulomatous, Focal, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1			
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Adenoma	
Preputial Gland		Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6,7-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12612

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12618

TRT#: 2

SEX: Male

DAY ON TEST: 569

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 1-12		
Liver	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4+15		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Mild
Note: INFILTRAT CELL	TGLs = 5-16		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-16		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12620

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Cytoplasmic Alteration	Focal, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: REGIONAL LYMPH NODE NOT ON SLIDE			
Note: FIBROADENOMA	TGLs = 1,2-15		
Nose	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Forestomach	Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 8-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6,7-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12622

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 6-9		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung	Subpleura	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 8-15		
Nose	Mucosa	Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12622

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Serosa	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-5.1		
Tongue	Epithelium	Hyperplasia	Focal, Moderate
Note: HYPERPLASIA	TGLs = 9-16		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12623

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Bone	Bone Marrow	Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Marked
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Leukemia Mononuclear	
Prostate		Mineralization	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-5.1		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

Animal Note: LEUKEMIC CELLS HAVE MANY CHARACTERISTICS OF LYMPHOMA CELLS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12625

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Pituitary Gland	Skin
Thyroid Gland			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Epididymis		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Leukemia Mononuclear	
	Colon	Parasite Metazoan	
Kidney	Pelvis, Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 6-12			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12625 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 729
DOSE: 30 MG/KG MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 15.1+15.2+15.3+		
Note: LEUKEMIA MONUC	TGLs = 1,2,3,8,9,10-		
Note: LEUKEMIA MONUC	TGLs = 15.4+15.5+15.6		
Mammary Gland		Hyperplasia	Cystic, Minimal
Nose		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Inflammation	Chronic, Moderate
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Serosa	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 11,12,13-5.1		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Trachea		Leukemia Mononuclear	
Urinary Bladder	Transit Epithe	Hyperplasia	Papillary, Focal, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12626

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Prostate	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Cytoplasmic Alteration	Focal, Mild
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION	TGLs = 6-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-5.1		
Thyroid Gland	C Cell	Adenoma	
Note: ADENOMA	TGLs = 5-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12628

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Lung
Preputial Gland
Thymus

Blood Vessel
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Thyroid Gland

Bone
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Trachea

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow
Brain
Heart
Kidney
 Note: NEPHROPATHY TGLs = 8-12
Liver
 Note: LEUKEMIA MONUC TGLs = 4-11
Nose
Pancreas
Pituitary Gland

Skin
 Note: NECROSIS TGLs = 1-15.3
Spleen
 Note: LEUKEMIA MONUC TGLs = 2-12
Stomach
Testes

 Note: ADENOMA TGLs = 5,7-5.1
 Note: ATROPHY TGLs = 6-5.1

Mucosa
Pars Distalis
Subcut Tiss

Epithelium, Forestomach
Interstit Cell

Leukemia Mononuclear
Leukemia Mononuclear
Inflammation
Nephropathy

Leukemia Mononuclear

Inflammation
Leukemia Mononuclear
Hyperplasia
Leukemia Mononuclear
Necrosis

Leukemia Mononuclear

Hyperplasia
Adenoma
Atrophy

Chronic, Minimal
Mild

Acute, Minimal

Mild
Moderate

Mild
Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12628

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12630

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB	TGLs = 5-16		
Nose	Nasolacrim Dct	Inflammation	Acute, Moderate
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Acute, Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12631

TRT#: 1

SEX: Male

DAY ON TEST: 621

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Duodenum	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Pelvis	Calculus Gross Observation	
		Calculus Micro Observation Only	
	Pelvis, Transit Epithe	Hyperplasia	Moderate
	Pelvis	Inflammation	Acute, Mild
		Nephropathy	Moderate
Note: CALCUS GRO OBS TGLs = 4-12			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Iliac	Hyperplasia	Plasma Cell, Moderate
	Iliac	Inflammation	Granulomatous, Focal, Moderate
Note: HYPERPLASIA TGLs = 6-15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-2			
Prostate		Inflammation	Acute, Marked
Note: INFLAMMATION TGLs = 5-15			
Skin		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 1-15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12631

TRT#: 1

SEX: Male

DAY ON TEST: 621

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

Note: ADENOMA TGLs = 2-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12632

TRT#: 1

SEX: Male

DAY ON TEST: 538

DOSE: CONTROL MALE

DISP: Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
	Atrium Lft	Thrombosis	Marked
Note: THROMBUS	TGLs = 2-9		
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
Lung			
Note: SLIDE HAS LARGE AIR BUBBLE			
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12634

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hypertrophy Pheochromocytoma Benign	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-11			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Lung	Perivascular	Inflammation Leukemia Mononuclear	Chronic, Minimal
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12635

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 1-12			
Liver		Basophilic Focus	Multiple
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12636

TRT#: 2

SEX: Male

DAY ON TEST: 728

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Cortex	Necrosis	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Autolysis	Moderate
Kidney		Autolysis	Mild
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12+15		
Stomach	Glandular	Necrosis	Focal, Minimal
Note: NECROSIS	TGLs = 6-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12639

TRT#: 1

SEX: Male

DAY ON TEST: 512

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Prostate	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
Note: FATTY CHANGE	TGLs = 3-11		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Mild
Salivary Glands	Duct	Ectasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-5.1		
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12639

TRT#: 1

SEX: Male

DAY ON TEST: 512

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12640

TRT#: 2

SEX: Male

DAY ON TEST: 611

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4+15		
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12644

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
	Valve	Thrombosis	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
	Mucosa	Inflammation	Acute, Moderate
Pancreas	Artery	Inflammation	Chronic, Mild
Preputial Gland		Inflammation	Chronic, Minimal
		Inflammation	Acute, Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 4-15		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		
Trachea		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12644

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12645

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Skin
Trachea

Blood Vessel
Epididymis
Intestine Small - Duodenum
Liver
Parathyroid Gland
Spleen
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Lymph Node - Mesenteric
Prostate
Stomach - Forestomach

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Stomach - Glandular

MISSING

Nose
Preputial Gland

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland
Heart
Intestine Large
Kidney
Lung
Pituitary Gland
Testes
Thyroid Gland

Medulla
Rectum
Pars Distalis
Bilateral, Interstit Cell
C Cell

Pheochromocytoma Benign
Inflammation
Parasite Metazoan
Nephropathy
Inflammation
Adenoma
Adenoma
Hyperplasia

Chronic, Minimal
Moderate
Chronic, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12646

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Basophilic Focus	
Pancreas		Atrophy	Focal, Minimal
Prostate	Epithelium	Degeneration	Focal, Minimal
		Hyperplasia	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	
Trachea		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12653

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Pituitary Gland
Stomach - Forestomach
Urinary Bladder

Blood Vessel
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Prostate
Stomach - Glandular

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Skin
Trachea

MISSING

Parathyroid Gland

Seminal Vesicle

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver
Lung
Nose
Pancreas
Preputial Gland
Spleen

Medulla

Pleura
Mucosa

Hyperplasia
Inflammation
Nephropathy
Leukemia Mononuclear
Infiltration Cellular
Inflammation
Atrophy
Inflammation
Leukemia Mononuclear

Focal, Mild
Chronic, Mild
Moderate

Histiocyte, Focal, Mild
Acute, Minimal
Focal, Minimal
Chronic, Mild

Note: LEUKEMIA MONUC TGLs = 1-12

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 2,3-5.1

Thymus

Cyst

Multiple, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12654

TRT#: 3

SEX: Male

DAY ON TEST: 339

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Kidney
Mammary Gland
Pituitary Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Liver
Nose
Preputial Gland
Spleen
Thymus

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lung
Pancreas
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Blood Vessel

Seminal Vesicle

OBSERVATIONS

Heart

Inflammation

Chronic, Minimal

Intestine Large

Colon

Parasite Metazoan

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12655

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12656

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Prostate	Stomach - Forestomach
Thymus	Trachea		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Epididymis		Mesothelioma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-12			
Liver		Cytoplasmic Alteration	Focal, Mild
Note: CYTOPLAS ALTER TGLs = 7-17			
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-1			
Preputial Gland		Inflammation	Acute, Mild
Salivary Glands		Inflammation	Acute, Focal, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-15			
Spleen		Mesothelioma Benign	
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Mild
Note: INFILTRAT CELL TGLs = 6-16			
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Benign	
Note: ADENOMA TGLs = 2,3-5.1			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12656

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Urinary Bladder

Mesothelioma Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12659

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
Blood Vessel	Aorta	Mineralization	Mild
Note: MINERALIZATION TGLs = 7-3			
Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Moderate
		Mineralization	Moderate
	Atrium Lft	Thrombosis	Moderate
Note: MINERALIZATION TGLs = 5-9			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver		Basophilic Focus	Minimal
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Acute, Focal, Minimal
Note: CLEAR CL FOCUS TGLs = 11-16			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: INFILTRAT CELL TGLs = 9-4			
Lymph Node	Mediastinal	Congestion	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12659

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CONGESTION Mammary Gland Nose	TGLs = 8-15		Hyperplasia Fungus Mucosa	Mild Chronic Active, Moderate Squamous, Mild
Parathyroid Gland Note: HYPERPLASIA Preputial Gland Stomach	TGLs = 6-2		Hyperplasia Inflammation Mineralization Mineralization	Mild Acute, Mild Mild Moderate
Note: MINERALIZATION Testes	TGLs = 10-6	Bilateral, Interstit Cell	Adenoma Hemorrhage	Marked
Note: HEMORRHAGE Note: ADENOMA	TGLs = 2-15.1 TGLs = 1-5.1			
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12660

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney	Cortex	Cyst Nephropathy	Minimal Marked
Note: CYST TGLs = 4-16			
Note: NEPHROPATHY TGLs = 1-12			
Liver		Basophilic Focus Cytoplasmic Alteration	Focal, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pancreas		Cytoplasmic Alteration	Focal, Minimal
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Mild Minimal
Preputial Gland		Inflammation Inflammation	Chronic, Minimal Acute, Minimal
Prostate		Hyperplasia Inflammation	Focal, Minimal Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12660

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Note: HAS ECTOPIC PARATHYROID

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12661

TRT#: 2

SEX: Male

DAY ON TEST: 728

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Vacuolization Cytoplasmic	Focal, Minimal
Lung		Congestion	Minimal
	Artery, Media	Hypertrophy	Mild
Note: CONGESTION	TGLs = 2-4		
Lymph Node	Mesenteric	Congestion	Mild
Note: CONGESTION	TGLs = 4-1		
Mammary Gland		Hyperplasia	Minimal
		Mineralization	Minimal
Preputial Gland		Inflammation	Acute, Mild
Skin	Subcut Tiss	Edema	Mild
Note: EDEMA	TGLs = 1-15.1		
Spleen		Fibrosis	Mild
Note: FIBROSIS	TGLs = 6-12		
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12661

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 728
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA Testes	TGLs = 10-16	Glandular Interstit Cell	Mineralization Adenoma Atrophy Hyperplasia	Mild
Note: ATROPHY Thymus	TGLs = 7,8-5.1	Interstit Cell	Ectasia	Mild Minimal Moderate
Note: ECTASIA	TGLs = 3-15			
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12667

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8,11-11+16		
Note: ANOM HEPAT LOB	TGLs = 4-15		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-4		
Mammary Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Hyperplasia	Focal, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Note: FIBROSIS	TGLs = 2-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5,6,7-5.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12667

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12670

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Hypoplasia	Mild
Heart		Inflammation	Chronic, Minimal
		Mineralization	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Focal, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		
Prostate		Hyperplasia	Focal, Minimal
Note: HYPERPLASIA	TGLs = 3,4-5.1		
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12672

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Nose	Mucosa	Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12673

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Lung		Fibrosis	Multifocal, Minimal
		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12675

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-12			
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lung		Fibrosis	Multifocal, Minimal
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-5.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12676

TRT#: 2

SEX: Male

DAY ON TEST: 633

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Hyperplasia	Mild
Heart	Atrium Lft	Thrombosis	
Note: THROMBUS TGLs = 7-15.1+9			
Kidney		Nephropathy	Mild
	Epithelium, Renal Tubule	Pigmentation	Mild
Note: NEPHROPATHY TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Preputial Gland		Inflammation	Acute, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-15			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-12			
Stomach	Glandular	Necrosis	Focal, Minimal
Note: NECROSIS TGLs = 8-6			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12676

TRT#: 2

SEX: Male

DAY ON TEST: 633

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 6-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12677

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Lens	Cataract	Mild
	Retina	Degeneration	Moderate
	Sclera	Mineralization	Focal, Mild
Note: CATARACT TGLs = 1-15			
Heart		Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 7-9			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-12			
Liver	Bile Duct	Hyperplasia	Minimal
Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
	Mucosa	Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4,5-5.1			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12678

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Preputial Gland
Prostate	Salivary Glands	Skin	Trachea

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Moderate
Note: THROMBUS TGLs = 7-9+15			
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Note: LEUKEMIA MONUC TGLs = 3-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-4			
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-15			
Mammary Gland		Hyperplasia	Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12678

TRT#: 3
DOSE: 30 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 718
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

	Glandular	Infiltration Cellular	Lymphocyte, Focal, Mild
	Forestomach	Inflammation	Acute, Mild
	Glandular	Necrosis	Focal, Moderate
Note: INFLAMMATION	TGLs = 10-15		
Note: INFILTRAT CELL	TGLs = 12-16		
Note: HYPERPLASIA	TGLs = 10-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1+5-5.1		
Thymus		Cyst	Multiple, Mild
		Leukemia Mononuclear	
Thyroid Gland	Follicle	Adenoma	
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12681

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Mild
Intestine Small	Jejunum	Sarcoma	
Note: [SARCOMA] TGLs = 5-15			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver	Bile Duct	Hyperplasia	Mild
Note: HAS INCREASED WHITE CELLS IN VESSELS BUT NOT MCL			
Lung		Alveolar/Bronchiolar Carcinoma	
Note: ALV BRON CARC TGLs = 4-4			
Mesentery		Inflammation	Chronic, Mild
Spleen		Congestion	Moderate
Stomach	Forestomach, Serosa	Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 6-6			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-5.1			
Thyroid Gland	C Cell	Infarct	Diffuse, Marked
		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12683

TRT#: 2

SEX: Male

DAY ON TEST: 706

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Leukemia Mononuclear	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: HYPERPLASIA	TGLs = 5-15		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12685	TRT#: 1	SEX: Male	DAY ON TEST: 350
	DOSE: CONTROL MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Lung		Inflammation	Acute, Focal, Mild
Note: INFLAMMATION	TGLs = 4-4		
Nose	Mucosa	Inflammation	Acute, Moderate
		Squamous Cell Carcinoma	
Note: TUMOR APPEARS TO BE ARISING FROM MUCOSAL GLANDS			
Preputial Gland		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12687

TRT#: 2

SEX: Male

DAY ON TEST: 284

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Seminal Vesicle	Testes
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Small	Jejunum	Autolysis	Marked
Kidney		Congestion	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose		Autolysis	Moderate
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Mild
Note: INFILTRAT CELL	TGLs = 2-16		
Thymus		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12688

TRT#: 3

SEX: Male

DAY ON TEST: 564

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4		
Pancreas		Atrophy	Focal, Mild
Prostate		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-5.1		
Tongue	Epithelium	Hyperplasia	Focal, Moderate
Note: HYPERPLASIA	TGLs = 7-16		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12689

TRT#: 3

SEX: Male

DAY ON TEST: 336

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Preputial Gland
Spleen
Thyroid Gland

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Prostate
Stomach - Forestomach
Trachea

Blood Vessel
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Duodenum
Liver
Parathyroid Gland
Skin
Testes

MISSING

Seminal Vesicle

OBSERVATIONS

Heart
Kidney
Lung
Note: CONGESTION TGLs = 1-4
Nose
Pituitary Gland
Thymus

Mucosa
Pars Distalis

Inflammation
Nephropathy
Congestion
Inflammation
Cyst
Hyperplasia

Chronic, Minimal
Minimal
Mild
Chronic Active, Moderate
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12691

TRT#: 1

SEX: Male

DAY ON TEST: 656

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Epididymis		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 2-15.1			
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-12			
Liver		Basophilic Focus	
Note: BASOPH FOCUS TGLs = 4-16		Hyperplasia	Minimal
Mesentery		Mesothelioma Malignant	
Note: [MESOTHELIO MAL] TGLs = 3-15			
Nose	Mucosa	Inflammation	Acute, Moderate
		Squamous Cell Carcinoma	
Preputial Gland		Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12691

TRT#: 1

SEX: Male

DAY ON TEST: 656

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12693

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Heart	Perivascular	Inflammation	Chronic, Moderate
		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic, Minimal
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12695

TRT#: 2

SEX: Male

DAY ON TEST: 556

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Gland - Medulla	Intestine Small - Ileum	Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Congestion	Mild
Lung		Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Bilateral, Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12697

TRT#: 2

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 7-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5,6-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-15		
Mammary Gland		Hyperplasia	Mild
Pancreas	Duct	Ectasia	Focal, Minimal
Preputial Gland		Hyperplasia	Mild
		Inflammation	Acute, Mild
Note: INFLAMMATION	TGLs = 3-5.2		
Skin		Keratoacanthoma	
		Squamous Cell Carcinoma	
Note: KERATOACANTHMA	TGLs = 1-15.1		
Note: [SQUAM CEL CARC]	TGLs = 2-15.2		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12697

TRT#: 2

SEX: Male

DAY ON TEST: 725

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: LEUKEMIA MONUC TGLs = 4-12		Leukemia Mononuclear	
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Testes Note: ADENOMA TGLs = 8-5.1	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12698

TRT#: 3

SEX: Male

DAY ON TEST: 528

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12699

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Prostate
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Lymph Node - Mesenteric
Parathyroid Gland
Salivary Glands
Thymus

Blood Vessel
Epididymis
Intestine Small - Duodenum
Mammary Gland
Pituitary Gland
Skin
Thyroid Gland

Bone
Esophagus
Intestine Small - Ileum
Nose
Preputial Gland
Stomach - Forestomach
Trachea

MISSING

Seminal Vesicle

OBSERVATIONS

Heart			Fibrosis	Focal, Moderate
			Leukemia Mononuclear	
		Atrium Lft	Thrombosis	Marked
Note: THROMBUS	TGLs = 8-15			
Intestine Large		Colon	Parasite Metazoan	
Islets, Pancreatic			Adenoma	
Kidney		Renal Tubule	Adenoma	
			Nephropathy	Mild
Liver		Bile Duct	Hyperplasia	Moderate
			Leukemia Mononuclear	
Lung			Carcinoma	Metastatic (Zymbal'S Gland)
			Leukemia Mononuclear	
Note: CARCINOMA	TGLs = 6,11-4+16			
Spleen			Leukemia Mononuclear	
			Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: OSTEOSARC	TGLs = 10-16			
Note: LEUKEMIA MONUC	TGLs = 3-12			
Testes		Bilateral, Interstit Cell	Adenoma	
		Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12699

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 5-5

Note: HYPERPLASIA TGLs = 4-5

Zymbal's Gland

Carcinoma

Note: CARCINOMA TGLs = 1-15.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12700

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
Note: ATROPHY	TGLs = 1-5.1		
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12702

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea		

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
	Artery	Mineralization	Multifocal, Mild
Kidney	Medulla	Inflammation	Multifocal, Moderate
		Mineralization	Multifocal, Mild
		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 4-14		
Liver	Bile Duct	Hyperplasia	Mild
Lung		Liposarcoma	
Note: TUMOR IS CHORDOMA, BUT UNABLE TO CODE			
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Atrophy	Focal, Mild
Prostate		Inflammation	Acute, Moderate
Spleen		Pigmentation	Diffuse, Mild
Stomach	Glandular	Mineralization	Mild
Note: MINERALIZATION	TGLs = 1-6		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 2-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12702

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12705

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11		Vacuolization Cytoplasmic	Focal, Moderate
Lung		Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 8-4			
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 7-15			
Preputial Gland		Inflammation	Acute, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-12			
Stomach	Forestomach	Inflammation	Acute, Moderate
Note: NECROSIS TGLs = 9-15	Glandular	Necrosis	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12705

TRT#: 3

SEX: Male

DAY ON TEST: 690

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12707

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
-------------------	-----------------

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Necrosis	Acute, Focal, Minimal
Note: LEUKEMIA MONUC	TGLs = 5-11		
Lung	Perivascular	Inflammation	Chronic, Minimal
Nose	Mucosa	Inflammation	Acute, Mild
Note: LESION IS IN PALATE			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-1		
Preputial Gland	Duct	Hyperplasia	Squamous, Moderate
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
Note: ATROPHY	TGLs = 1-5.1		
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12707

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12710

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Note: ONLY ONE ADRENAL			
Eye	Lens	Cataract	Marked
	Retina	Degeneration	Marked
	Sclera	Mineralization	Focal, Mild
Note: CATARACT TGLs = 1-15			
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-12			
Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Focal, Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mesenteric	Hyperplasia	Reticulum Cell, Mild
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Pancreas	Duct	Ectasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-1			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12710

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2,3-5.1

Trachea

Inflammation

Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12712

TRT#: 2

SEX: Male

DAY ON TEST: 602

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
	Valve	Thrombosis	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland		Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12712

TRT#: 2

SEX: Male

DAY ON TEST: 602

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12715

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 4-9		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolus	Pigmentation	Minimal
Note: PIGMENT	TGLs = 5-4		
Preputial Gland		Hyperplasia	Mild
		Inflammation	Acute, Mild
Testes		Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		
	Bilateral, Interstit Cell		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12716

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Islets, Pancreatic	Pancreas	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hypertrophy Pheochromocytoma Benign	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart	Atrium Lft	Inflammation Thrombosis	Chronic, Mild Moderate
Note: THROMBUS TGLs = 9-9			
Kidney	Epithelium, Renal Tubule	Nephropathy Pigmentation	Moderate Moderate
Note: PIGMENT TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Axillary Mediastinal Mesenteric Pancreatic	Congestion Congestion Congestion Congestion	Mild Mild Mild Mild
Note: CONGESTION TGLs = 1,5,7,8-1+15+15.1+15.2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12716

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12717

TRT#: 2

SEX: Male

DAY ON TEST: 696

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Esophagus	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea

MISSING

Epididymis	Intestine Large - Rectum	Preputial Gland	Prostate
Seminal Vesicle	Testes	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hypertrophy Pheochromocytoma Benign	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Autolysis	Moderate
Intestine Small	Ileum	Autolysis	Moderate
Kidney		Autolysis	Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,5-11+16		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-15.1		
Pancreas		Congestion	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12722

TRT#: 3

SEX: Male

DAY ON TEST: 351

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Intest Small

Note: ILEUM HAS ARTIFACT IN THE PEYER'S PATCH

Kidney		Nephropathy	Minimal
Liver		Inflammation	Acute, Multifocal, Minimal
Preputial Gland		Inflammation	Acute, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12725

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4		
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland		Leukemia Mononuclear	
Prostate		Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12727

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Acute, Focal, Mild
Note: LEUKEMIA MONUC	TGLs = 3-12		
Mammary Gland		Pigmentation	Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-5.1		
Urinary Bladder		Papilloma	
Note: PAPILLOMA	TGLs = 6-16		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12727

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12730

TRT#: 3

SEX: Male

DAY ON TEST: 486

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye	Lens	Cataract	Marked
	Retina	Degeneration	Marked
Note: CATARACT TGLs = 6-15.1			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 3-12			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Marked
Prostate		Inflammation	Acute, Minimal
Skin		Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 1-15			
Spleen		Hematopoietic Cell Proliferation Granulocytic	Moderate
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12732

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Eye	Sclera	Mineralization	Focal, Mild
Note: MINERALIZATION TGLs = 2-15			
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	
Kidney		Nephropathy	Mild
	Epithelium, Renal Tubule	Pigmentation	Moderate
Note: PIGMENT TGLs = 5-12			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Diffuse, Mild
Note: PIGMENT TGLs = 4-11			
Lung		Mineralization	Focal, Mild
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas		Atrophy	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12732

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

Note: ADENOMA TGLs = 6,7-5.1

Urin Bladder

Note: BLADDER NOT FULLY INFLATED

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12734

TRT#: 1

SEX: Male

DAY ON TEST: 506

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Duodenum	Autolysis	Mild
	Ileum	Autolysis	Mild
	Jejunum	Autolysis	Mild
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-15		
Nose		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen	Capsule	Fibrosis	Focal, Mild
		Hemorrhage	Multifocal, Moderate
		Leukemia Mononuclear	

Note: LESION IN SPLEEN CAPSULE IS ORGANIZING HEMATOMA

Note: FIBROSIS TGLs = 2-15.1

Note: HEMORRHAGE TGLs = 6-16

Note: LEUKEMIA MONUC TGLs = 2-12

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12734

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 506
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12737

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
Kidney	Pelvis, Transit Epithe	Carcinoma	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	Multiple
		Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Lung		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 6-1		
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Hyperplasia	Focal, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12738

TRT#: 2

SEX: Male

DAY ON TEST: 668

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
	Mesenteric	Necrosis	Focal, Mild
Note: LEUKEMIA MONUC	TGLs = 5-1+15		
Mammary Gland		Hyperplasia	Minimal
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12738	TRT#: 2	SEX: Male	DAY ON TEST: 668
	DOSE: 15 MG/KG MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-6+15.1		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12740

TRT#: 2

SEX: Male

DAY ON TEST: 625

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye	Bilateral, Lens	Cataract	Minimal
	Sclera	Mineralization	Focal, Mild
Note: CATARACT	TGLs = 1-15		
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 6-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-4		
Lymph Node	Pancreatic	Inflammation	Chronic, Marked
Nose		Autolysis	Mild
Pancreas		Atrophy	Focal, Mild
Spleen		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
Note: LEUKEMIA MONUC	TGLs = 2-12		
Note: NECROSIS	TGLs = 7-15.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12740

TRT#: 2

SEX: Male

DAY ON TEST: 625

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA

TGLs = 4,5-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12743

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-12			
Liver		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-12			
Testes		Atrophy	Moderate
Note: ATROPHY TGLs = 2-5.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12747

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Lens	Cataract	Moderate
	Sclera	Mineralization	Focal, Mild
Note: CATARACT TGLs = 6-15.1			
Heart		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-9+15			
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Fibrosis	Minimal
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Chronic Active, Mild
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12747

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 3-5.1
Thymus
Note: LEUKEMIA MONUC TGLs = 5-3
Urinary Bladder

Leukemia Mononuclear

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12748

TRT#: 3

SEX: Male

DAY ON TEST: 556

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Heart	Inflammation	Chronic, Minimal
Kidney	Nephropathy	Mild
Lung	Congestion	Mild
Note: CONGESTION TGLs = 2-4		
Preputial Gland	Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 1-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12750

TRT#: 2
DOSE: 15 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 557
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Brain	Cerebrum, Meninges, Vein	Thrombosis	
Note: THROMBUS	TGLs = 1-15		
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 8-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-11		
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Bronchial	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,7,2-15.1+15.2+15.3		
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12750

TRT#: 2

SEX: Male

DAY ON TEST: 557

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12752

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 6-9+15		
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-5.1		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12755

TRT#: 3

SEX: Male

DAY ON TEST: 417

DOSE: 30 MG/KG MALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Liver	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose		Autolysis	Moderate
	Mucosa	Inflammation	Acute, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Thymus		Congestion	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12756

TRT#: 3

SEX: Male

DAY ON TEST: 632

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain	Thalamus	Inflammation	Chronic, Focal, Mild
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Nose	Mucosa	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12759

TRT#: 3

SEX: Male

DAY ON TEST: 477

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Skin
Thymus

Blood Vessel
Epididymis
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pituitary Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Ileum
Mammary Gland
Prostate
Stomach - Forestomach
Trachea

MISSING

Seminal Vesicle

OBSERVATIONS

Bone

Note: MALFORMATION 1-15.

Heart

Intestine Large

Kidney

Liver

Lung

Pancreas

Preputial Gland

Testes

Rectum

Bile Duct

Pleura

Bilateral, Interstit Cell

Inflammation

Parasite Metazoan

Nephropathy

Hyperplasia

Fibrosis

Atrophy

Inflammation

Adenoma

Chronic, Minimal

Minimal

Minimal

Focal, Minimal

Focal, Minimal

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12760

TRT#: 3

SEX: Male

DAY ON TEST: 682

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Thrombosis	Moderate
Bone Marrow		Hypoplasia	Marked
Brain		Hemorrhage	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Acute, Mild
Kidney		Nephropathy	Moderate
Liver		Cytoplasmic Alteration	Focal, Moderate
		Leukemia Mononuclear	
Note: CYTOPLAS ALTER TGLs = 3-15			
Note: LEUKEMIA MONUC TGLs = 2-11			
Lymph Node	Pancreatic	Fibrosis	Focal, Mild
Note: FIBROSIS TGLs = 4-15			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA TGLs = 1-15			
Nose	Mucosa	Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ANGIECTASIS TGLs = 7-1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12760

TRT#: 3
DOSE: 30 MG/KG MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 682
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Mild
Testes	Bilateral, Interstit Cell	Leukemia Mononuclear	
Note: ADENOMA	TGLs = 5-5.1	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12761

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 674
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Brain		Hemorrhage	Focal, Mild
Note: HEMORRHAGE RESULT OF PITUITARY TUMOR			
Eye	Lens	Cataract	Moderate
	Sclera	Mineralization	Focal, Moderate
Note: CATARACT TGLs = 4-15			
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Cytoplasmic Alteration	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
Note: CYTOPLAS ALTER TGLs = 1-15			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Mild
Note: ADENOMA TGLs = 2-5.1			
Note: ATROPHY TGLs = 3-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12762

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Thymus
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Focal, Mild
Blood Vessel	Aorta	Mineralization	Moderate
Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Mild
		Mineralization	Moderate
Note: MINERALIZATION TGLs = 3-9+15			
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Lung		Hemorrhage	Focal, Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: HEMORRHAGE TGLs = 4-4			
Pancreas	Artery	Mineralization	Mild
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Acute, Mild
Stomach	Forestomach	Mineralization	Moderate
	Glandular	Mineralization	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-5.1			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12762

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12763

TRT#: 1

SEX: Male

DAY ON TEST: 728

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Trachea		

MISSING

Prostate	Seminal Vesicle	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Lung		Inflammation	Acute, Focal, Mild
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 5-15			
Note: LEUKEMIA MONUC TGLs = 6-4			
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 9-15			
Mammary Gland	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-1			
Preputial Gland		Inflammation	Acute, Minimal
Spleen	Capsule	Fibrosis	Focal, Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12763	TRT#: 1	SEX: Male	DAY ON TEST: 728
	DOSE: CONTROL MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Forestomach	Inflammation	Chronic, Mild
	Glandular	Necrosis	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 8-5.1		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12764

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2,3-15+15.1+15.2		
Nose	Mucosa	Fungus	
		Inflammation	Chronic Active, Moderate
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-1		
Preputial Gland		Inflammation	Acute, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Stomach	Forestomach	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12764

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA

TGLs = 6,7,8-5.1

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12766

TRT#: 2

SEX: Male

DAY ON TEST: 686

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 3-15.2			
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Mild
Kidney		Nephropathy	Moderate
Liver	Hepatocyte	Degeneration	Cystic, Focal, Mild
		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
Note: HEPATOCLR CARC TGLs = 2-15.1			
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4-5.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12768

TRT#: 2

SEX: Male

DAY ON TEST: 718

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-12		
Liver	Bile Duct	Hyperplasia	Moderate
	Centrilobular	Vacuolization Cytoplasmic	Moderate
Note: VACUOLIZ CYTO	TGLs = 1-11		
Lymph Node	Mesenteric	Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 5-1		
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Glandular	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 7-6+15		
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Mild
Note: ADENOMA	TGLs = 3-5.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12768

TRT#: 2

SEX: Male

DAY ON TEST: 718

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 4-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12770

TRT#: 2

SEX: Male

DAY ON TEST: 633

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Hyperplasia	Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 7-12		
Liver		Necrosis	Acute, Focal, Mild
Note: NECROSIS	TGLs = 6-11		
Lymph Node	Inguinal	Infiltration Cellular	Plasma Cell, Mild
Note: INFILTRAT CELL	TGLs = 3-15.3		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.1		
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 2-15.2		
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
Note: ATROPHY	TGLs = 8-5.1		
Note: ADENOMA	TGLs = 9-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12771

TRT#: 2

SEX: Male

DAY ON TEST: 687

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Autolysis	Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+15		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Mild
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Marked
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12771

TRT#: 2

SEX: Male

DAY ON TEST: 687

DOSE: 15 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA TGLs = 4,5-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12772

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Heart	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Nose	Mucosa	Fungus	
Pancreas		Inflammation	Chronic Active, Moderate
Preputial Gland		Atrophy	Focal, Minimal
Testes	Interstit Cell	Inflammation	Chronic, Mild
		Adenoma	
		Atrophy	Minimal
Note: ADENOMA	TGLs = 2,3-5.1		
Note: ATROPHY	TGLs = 1-5.1		
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12773

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 584
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Bone		Fibrous Osteodystrophy	Mild
Epididymis	Duct, Epithelium	Degeneration	Moderate
Heart		Inflammation	Chronic, Moderate
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Epithelium, Renal Tubule	Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Congestion	Mild
Note: CONGESTION TGLs = 6-15			
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 9-16			
Note: LEUKEMIA MONUC TGLs = 1-2+12			
Stomach	Forestomach	Inflammation	Chronic, Moderate
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12773

TRT#: 1

SEX: Male

DAY ON TEST: 584

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY TGLs = 5-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12774

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Skin	Spleen	Thymus	Trachea
Urinary Bladder			

MISSING

Salivary Glands	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Congestion	Minimal
Heart		Inflammation	Chronic, Moderate
	Atrium Lft	Thrombosis	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Congestion	Mild
		Necrosis	Acute, Focal, Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-4		
Nose		Cyst	Marked
	Mucosa	Inflammation	Acute, Mild
Note: CYST	TGLs = 6-14		
Note: EPIDERMAL INCLUSION CYST			
Stomach	Forestomach	Hyperplasia	Minimal
	Glandular	Necrosis	Focal, Mild
Note: HYPERPLASIA	TGLs = 7-15		
Note: NECROSIS	TGLs = 5,7-6+15		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12774

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12777

TRT#: 1

SEX: Male

DAY ON TEST: 693

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 5-15	Medulla	Pheochromocytoma Malignant	
Bone Marrow		Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney Note: NEPHROPATHY TGLs = 6-12		Nephropathy	Mild
Liver Note: HYPERPLASIA TGLs = 4-11	Bile Duct	Hyperplasia	Moderate
Lung		Leukemia Mononuclear	
Lymph Node Note: INFLAMMATION TGLs = 2-15.1	Inguinal	Inflammation	Granulomatous, Focal, Mild
Preputial Gland		Inflammation	Acute, Multifocal, Mild
Skin Note: FIBROMA TGLs = 1-15	Subcut Tiss	Fibroma	Acute, Mild
Spleen Note: LEUKEMIA MONUC TGLs = 3-12		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 9-5.1	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12777

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 693
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12780

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Mineralization	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Mild
Nose		Fungus	
	Mucosa	Inflammation	Acute, Marked
Parathyroid Gland		Hyperplasia	Minimal
Note: NEPHROPATHY			
Note: HYPERPLASIA	TGLs = 5-2		
Note: PARATHYROID GLAND NOT UNUSUAL WITH ACCOMPANYING SEVERE			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Glandular	Mineralization	Mild
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12780

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminif Tub
Interstit Cell

Degeneration
Hyperplasia

Marked
Mild

Note: ADENOMA TGLs = 3,4-5.1
Urinary Bladder

Inflammation

Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12782

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Cytoplasmic Alteration	Focal, Mild
Nose	Mucosa	Inflammation	Chronic Active, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Prostate		Mineralization	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12783

TRT#: 3

SEX: Male

DAY ON TEST: 344

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Nose	Mucosa	Inflammation	Chronic Active, Moderate
Salivary Glands		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-3.1		
Testes		Atrophy	Moderate
Thymus		Hyperplasia	Mild
Note: ALSO HAS ECTOPIC PARATHYROID			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12785

TRT#: 3

SEX: Male

DAY ON TEST: 519

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4		
Lymph Node	Mesenteric	Congestion	Minimal
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-15		
Note: CONGESTION	TGLs = 8-1		
Mammary Gland		Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Glandular	Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12787

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Intermed	Hyperplasia	Focal, Mild
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12789

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Note: BASOPH FOCUS	TGLs = 7-11+16		
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 1-15		
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-1		
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4-5.1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12791

TRT#: 3

SEX: Male

DAY ON TEST: 532

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-12		
Nose	Mucosa	Inflammation	Acute, Mild
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12792

TRT#: 3

SEX: Male

DAY ON TEST: 359

DOSE: 30 MG/KG MALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Rectum
Islets, Pancreatic
Nose
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Brain
Intestine Small - Duodenum
Liver
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Blood Vessel
Epididymis
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin
Thyroid Gland

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Spleen
Tongue

MISSING

Parathyroid Gland

Seminal Vesicle

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Esophagus	Wall	Inflammation	Chronic, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Congestion	Minimal
Lung	Peribronchial	Infiltration Cellular	Lymphocyte, Minimal
Pancreas		Infiltration Cellular	Lymphocyte, Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Minimal
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12793

TRT#: 2

SEX: Male

DAY ON TEST: 411

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Nose
Preputial Gland
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Liver
Pancreas
Prostate
Thymus

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Salivary Glands
Thyroid Gland

Bone
Heart
Intestine Small - Ileum
Mammary Gland
Pituitary Gland
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Cecum

Seminal Vesicle

Skin

OBSERVATIONS

Bone Marrow
Intestine Small
 Note: CARCINOMA TGLs = 1-15
Kidney
Lymph Node

 Note: HYPERPLASIA TGLs = 2-15.1
Spleen
Testes

Myeloid Cell
Jejunum

Mediastinal
Mediastinal
Mesenteric

Interstit Cell

Hyperplasia
Carcinoma

Autolysis
Hemorrhage
Hyperplasia
Hyperplasia

Hematopoietic Cell Proliferation Granulocytic
Hyperplasia

Moderate

Moderate
Mild
Mild
Mild

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12794

TRT#: 3

SEX: Male

DAY ON TEST: 450

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Lung	Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skeletal Muscle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

INSUFFICIENT TISSUE

Islets, Pancreatic Pancreas

OBSERVATIONS

Epididymis		Mesothelioma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Autolysis	Minimal
Kidney	Epithelium, Renal Tubule	Pigmentation	Moderate
Liver	Centrilobular	Fatty Change	Mild
Note: FATTY CHANGE TGLs = 5-11			
Note: MOST LIKELY AGONAL CHANGE			
Mesentery		Mesothelioma Benign	
Note: MESOTHELIO BGN TGLs = 6-6.1			
Nose		Fungus	
	Mucosa	Inflammation	Acute, Moderate
Prostate			
Note: HAS MESOTHELIOMA BUT COMPUTER WILL NOT ACCEPT			
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12796

TRT#: 3

SEX: Male

DAY ON TEST: 513

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Carcinoma	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Nose	Mucosa	Inflammation	Acute, Moderate
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		
Preputial Gland		Inflammation	Acute, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		
Zymbal's Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1,3-15		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12798

TRT#: 2

SEX: Male

DAY ON TEST: 427

DOSE: 15 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic, Mild
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Preputial Gland		Inflammation	Chronic, Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12799

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign Inflammation	Focal, Mild Chronic, Moderate
Heart Note: INFLAMMATION TGLs = 3-9			
Intestine Large	Colon	Parasite Metazoan	
Kidney Note: NEPHROPATHY TGLs = 2-12		Nephropathy	Marked
Liver		Basophilic Focus Cytoplasmic Alteration	Multiple Focal, Mild
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Cystic, Mild
Pancreas	Perivascular	Inflammation	Chronic, Mild
Pituitary Gland Note: ADENOMA TGLs = 6-1	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Chronic, Minimal
Stomach Note: INFLAMMATION TGLs = 7-6	Epithelium, Forestomach Forestomach	Hyperplasia Inflammation	Mild Chronic Active, Moderate
Testes Note: ADENOMA TGLs = 4,5-5.1	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12799

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12801

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2,3-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12804

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Note: LEUKEMIC CELLS GROWING IN LYMPHATICS			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2,3-15.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12805

TRT#: 3

SEX: Male

DAY ON TEST: 492

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Pituitary Gland	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-14		
Brain		Leukemia Mononuclear	
Epididymis		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2-15+15.1		
Mammary Gland		Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12805

TRT#: 3

SEX: Male

DAY ON TEST: 492

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Leukemia Mononuclear
Skin		Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 3,9-12+16	
Stomach	Glandular	Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 8-6	
Testes	Bilateral, Interstit Cell	Adenoma
Note: ADENOMA	TGLs = 6-5.1	
Thymus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12807

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Minimal
Note: CYTOPLAS ALTER TGLs = 7-16			
Lung		Inflammation	Chronic, Minimal
Lymph Node	Axillary	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 3-15.2			
Skin	Subcut Tiss	Fibroma	
		Hemorrhage	Moderate
		Inflammation	Acute, Marked
Note: HEMORRHAGE TGLs = 1-15.1			
Note: INFLAMMATION TGLs = 2-15			
Note: FIBROMA TGLs = 2-15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 4,5,6-5.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12807

TRT#: 2

SEX: Male

DAY ON TEST: 731

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12808

TRT#: 1

SEX: Male

DAY ON TEST: 691

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Gland - Medulla	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-16		
Lung		Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12810

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Mild
Intestine Small	Duodenum	Inflammation	Chronic, Moderate
	Perivascular	Inflammation	Chronic, Moderate
	Serosa	Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung			
			Note: PULMONARY LYMPH NODE.
			Note: LARGE CLUSTER OF UNIDENTIFIABLE CELLS IN
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
	Nasolacrim Dct	Inflammation	Acute, Marked
Pancreas		Atrophy	Focal, Mild
	Perivascular	Inflammation	Chronic, Mild
Stomach	Forestomach	Inflammation	Chronic, Mild
	Perivascular	Inflammation	Chronic, Mild
	Serosa	Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12810

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 30 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2,3-5.1

Trachea

Inflammation

Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12812

TRT#: 3

SEX: Male

DAY ON TEST: 535

DOSE: 30 MG/KG MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Mesenteric	Mammary Gland
Nose	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Osteosarcoma	Metastatic (Bone)
Bone		Osteosarcoma	
Note: OSTEOSARC	TGLs = 1-15		
Heart		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 3-9		
Kidney		Osteosarcoma	Metastatic (Bone)
Lung		Osteosarcoma	Metastatic (Bone)
Note: OSTEOSARC	TGLs = 2-4		
Pancreas		Osteosarcoma	Metastatic (Bone)
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Acute, Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12814

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Seminal Vesicle
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OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Liver		Congestion	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Nose		Autolysis	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Focal, Mild
Note: INFILTRAT CELL	TGLs = 3-16		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-5.1		
Thymus		Cyst	Multiple, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12816

TRT#: 2

SEX: Male

DAY ON TEST: 730

DOSE: 15 MG/KG MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-1		
Prostate		Hyperplasia	Focal, Moderate
Note: HYPERPLASIA	TGLs = 5-5		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4-5.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12818

TRT#: 3

SEX: Male

DAY ON TEST: 564

DOSE: 30 MG/KG MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Nose		Autolysis	Moderate
Pancreas		Atrophy	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

Note: ADENOMA TGLs = 2,3-5.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12819

TRT#: 1

SEX: Male

DAY ON TEST: 730

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Seminal Vesicle

OBSERVATIONS

Adrenal Gland	Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic Astrocytoma Malignant	Focal, Minimal
Brain		Inflammation	Chronic, Minimal
Heart		Nephropathy	Moderate
Kidney Note: NEPHROPATHY TGLs = 1-12			
Liver	Hepatocyte	Degeneration Inflammation	Cystic, Focal, Minimal Granulomatous, Multifocal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Stomach Note: INFLAMMATION TGLs = 4-6	Forestomach	Inflammation	Acute, Mild
Testes Note: ADENOMA TGLs = 2,3-5.1	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:47

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12820

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain		Astrocytoma Malignant	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Ectasia	Moderate
		Fibroadenoma	
		Hyperplasia	Minimal
Note: ECTASIA	TGLs = 1-15		
Note: FIBROADENOMA	TGLs = 1-15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12822

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Mild
Note: CYTOPLAS ALTER TGLs = 3-16			
Lymph Node	Mesenteric	Edema	Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 2-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12824

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Spleen
Trachea

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

OBSERVATIONS

Brain	Cerebellum	Cyst	Moderate
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA TGLs = 1-15			
Ovary		Atrophy	Moderate
	Follicle	Cyst	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:47
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12828

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Necrosis	Coagulative, Acute, Multifocal, Mild
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-15		
Ovary		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Salivary Glands	Duct	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12832

TRT#: 4

SEX: Female

DAY ON TEST: 215

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Nose	Pancreas
Pituitary Gland	Spleen	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Mesenteric	Parathyroid Gland	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Mild
Lymph Node	Mediastinal	Sarcoma	
Note: SARCOMA	TGLs = 4,5-15.1+15.4		
Mammary Gland		Hyperplasia	Mild
Ovary		Hemorrhage	Mild
Salivary Glands		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 6-3.1		
Skin	Subcut Tiss	Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 1,2-15.2+15.3		
Thymus		Autolysis	Minimal
		Sarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12834

TRT#: 5

SEX: Female

DAY ON TEST: 674

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver		Cytoplasmic Alteration	Focal, Minimal
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Carcinoma	
		Hyperplasia	Cystic, Mild
Note: HYPERPLASIA TGLs = 1-7			
Note: [CARCINOMA] TGLs = 2-15.1			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-15			
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12835

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Mild
		Inflammation	Acute, Moderate
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Nose	Nasolacrim Dct	Inflammation	Acute, Moderate
Pancreas	Acinus	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic, Minimal
Thyroid Gland	C Cell	Adenoma	
Trachea		Inflammation	Chronic, Minimal
Uterus	Endometrium	Polyp Stromal	

Note: POLYP STROMAL TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12838

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-1			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12841

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 2-11			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland	Duct	Ectasia	Mild
Salivary Glands	Duct	Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12842

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Esophagus	Heart	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland		Cortex	Hyperplasia	Focal, Minimal
		Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain			Hemorrhage	Focal, Minimal
Clitoral Gland			Carcinoma	
Note: CARCINOMA	TGLs = 1-5.1			
Intestine Large		Cecum	Parasite Metazoan	
		Colon	Parasite Metazoan	
Intestine Small		Ileum	Parasite Metazoan	
Kidney			Nephropathy	Mild
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1			
Stomach		Epithelium, Forestomach	Hyperplasia	Moderate
		Forestomach	Inflammation	Chronic Active, Mild
Note: HYPERPLASIA	TGLs = 3-15			
Note: INFLAMMATION	TGLs = 3-6+15			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12846

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 2,3-15.1+15.2		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12851	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: CONTROL FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2		
Pituitary Gland	Pars Distalis	Cyst	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12853

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Uterus

MISSING

Skin

INSUFFICIENT TISSUE

Islets, Pancreatic	Pancreas	Urinary Bladder
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OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Cortex, Renal Tubule	Necrosis	Marked
		Nephropathy	Minimal
Note: NECROSIS EITHER PROCESSING ARTIFACT OR AGONAL CHANGE			
Liver		Basophilic Focus	
		Congestion	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Spleen		Pigmentation	Moderate
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12854

TRT#: 4

SEX: Female

DAY ON TEST: 690

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Myelofibrosis	Mild
Brain		Leukemia Mononuclear	
Kidney	Epithelium, Renal Tubule	Pigmentation	Mild
Note: PIGMENT	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-4		
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,6,7-15.2+15.3+15.4		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.1		
Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
Note: CYST	TGLs = 8-1		
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12854

TRT#: 4

SEX: Female

DAY ON TEST: 690

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-12

Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Inflammation	Mild Acute, Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12855

TRT#: 5

SEX: Female

DAY ON TEST: 644

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lung	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Carcinoma	Early Invasion (Pituitary Gland), Metastatic (Pituitary Gland)
Kidney		Nephropathy	Mild
Lymph Node	Mesenteric	Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2,3-15+15.1		
Nose		Hemorrhage	Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 1-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12859

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Cyst	Moderate
Note: CYST	TGLs = 1-1		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12860

TRT#: 4

SEX: Female

DAY ON TEST: 529

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney Note: PIGMENT TGLs = 3-12	Epithelium, Renal Tubule	Pigmentation	Moderate
Liver Note: LEUKEMIA MONUC TGLs = 5-11		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Hyperplasia	Mild
Nose	Mucosa	Fungus	
Pancreas		Inflammation	Chronic Active, Mild
Spleen Note: LEUKEMIA MONUC TGLs = 1-12		Atrophy	Focal, Minimal
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12861

TRT#: 5

SEX: Female

DAY ON TEST: 504

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Kidney	Cortex, Renal Tubule	Necrosis	Focal, Mild
		Nephropathy	Mild
Note: NECROSIS	TGLs = 3-15.1		
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: INFILTRAT CELL	TGLs = 4-4+15.1		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 5-16		
Note: LEUKEMIA MONUC	TGLs = 1-12		
Uterus	Endometrium	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12862

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Chronic Active, Minimal
Note: INFLAMMATION	TGLs = 1-5.1		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	
Note: BASOPH FOCUS	TGLs = 4,5-16		
Mammary Gland	Duct	Ectasia	Moderate
		Hyperplasia	Moderate
Ovary	Follicle	Cyst	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12863

TRT#: 6

SEX: Female

DAY ON TEST: 703

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Clitoral Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-15		
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 6-12		
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Iliac		
Note: LEUKEMIA MONUC	TGLs = 4-15.2		
Mammary Gland		Hyperplasia	Minimal
Ovary	Follicle	Cyst	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Urinary Bladder		Hemorrhage	Focal, Mild
Note: HEMORRHAGE	TGLs = 5-5		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-15.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12864

TRT#: 6

SEX: Female

DAY ON TEST: 539

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Autolysis	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,6-11+15+16		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Nose	Mucosa	Inflammation	Acute, Mild
Ovary	Periovarn Tiss	Cyst	Moderate
Note: CYST	TGLs = 5-5		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-12		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12866

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Uterus			

MISSING

Urinary Bladder

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Mild
Note: ANOM HEPAT LOB	TGLs = 2-16		
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Carcinoma	
		Hyperplasia	Mild
Note: CARCINOMA	TGLs = 1-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Moderate
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12868

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Congestion	Mild
		Inflammation	Granulomatous, Multifocal, Mild
Note: CONGESTION	TGLs = 2-11+15		
Mammary Gland	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12870

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Parathyroid Gland
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Inflammation	Suppurative, Multifocal, Moderate
		Nephropathy	Minimal
Note: INFLAMMATION TGLs = 4-12			
Liver		Leukemia Mononuclear	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-16			
Note: LEUKEMIA MONUC TGLs = 3-12			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Congestion	Minimal
	Mesenteric	Congestion	Minimal
Note: CONGESTION TGLs = 6,7-15			
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Mild
Note: CYST TGLs = 8-1			
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12870

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Capsule	Fibrosis Leukemia Mononuclear	Multifocal, Mild
Note: VERY EARLY MCL Note: FIBROSIS TGLs = 2-12			
Stomach	Glandular	Necrosis	Acute, Mild
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12872

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 2,3-11+15+16		
Mammary Gland	Duct	Ectasia	Minimal
Nose		Hemorrhage	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 1-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12874

TRT#: 4

SEX: Female

DAY ON TEST: 520

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Lymph Node - Mesenteric	Nose	Ovary
Salivary Glands	Skin	Stomach - Glandular	Thyroid Gland
Trachea	Uterus		

MISSING

Parathyroid Gland	Stomach - Forestomach	Urinary Bladder
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OBSERVATIONS

Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 5,6-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Thymus		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12875

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	
Mammary Gland	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Dilatation	Mild
Note: DILATATION	TGLs = 1-5		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12876

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION TGLs = 3-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	Mild
		Inflammation	Acute, Mild
Note: FIBROADENOMA TGLs = 1-15			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12877

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Brain		Hydrocephalus	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Cytoplasmic Alteration	Focal, Mild
		Hemorrhage	Focal, Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Note: HEMORRHAGE TGLs = 4-16			
Note: CYTOPLAS ALTER TGLs = 3-16			
Mammary Gland	Duct	Ectasia	Moderate
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12878

TRT#: 5

SEX: Female

DAY ON TEST: 243

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Adrenal Gland - Medulla	Esophagus	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Eye	Bilateral, Lens	Cataract	Moderate
Note: CATARACT	TGLs = 1-15		
Kidney		Congestion	Moderate
		Hemorrhage	Mild
		Nephropathy	Minimal
Nose		Autolysis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12882 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 644
DOSE: 15 MG/KG FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Note: CYTOPLAS ALTER	TGLs = 5-16		
Mammary Gland		Carcinoma	
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15+15.1		
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 4-1		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12883

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart	Valve	Leukemia Mononuclear	
	Rectum	Thrombosis	Mild
Intestine Large		Hyperplasia	Lymphoid, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-12		
Note: LEUKEMIA MONUC	TGLs = 6-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-15.1		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
Note: FIBROADENOMA	TGLs = 1-15		
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12883

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CYST	TGLs = 7-1		
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach		Epithelium, Forestomach	
Note: HYPERPLASIA	TGLs = 8-6	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12884	TRT#: 6	SEX: Female	DAY ON TEST: 458
	DOSE: 30 MG/KG FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA TGLs = 1-15			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12886

TRT#: 5

SEX: Female

DAY ON TEST: 299

DOSE: 15 MG/KG FEMALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Mild
Intestine Large	Cecum	Autolysis	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12887

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Angiectasis	Minimal
		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION	TGLs = 5-11+15+16		
Note: ANGIECTASIS	TGLs = 4-15		
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1-15		
Ovary	Follicle	Cyst	Moderate
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
Note: CYST	TGLs = 3-1		
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12887

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12889	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 30 MG/KG FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Moderate
Note: INFLAMMATION TGLs = 3-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12892

TRT#: 6

SEX: Female

DAY ON TEST: 294

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Liver	Lymph Node - Mesenteric	Mammary Gland	Ovary
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Islets, Pancreatic	Pancreas	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Kidney
Nose			

OBSERVATIONS

Lung	Congestion	Mild
Note: CONGESTION TGLs = 3-4		
Pituitary Gland	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12894

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Tongue
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS TGLs = 3-17			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Nose	Nasolacrim Dct	Inflammation	Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12895

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Mineralization	Marked
Note: MINERALIZATION IS ACTUALLY BONE FORMATION.			
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY TGLs = 3-12			
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Moderate
		Fibroadenoma	
Mammary Gland			
Note: FIBROADENOMA TGLs = 1,2-15.1+15.2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 5-15			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12897

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Minimal
Nose		Autolysis	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12898

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Note: BASOPH FOCUS	TGLs = 4-16		
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	Mild
		Hyperplasia	Minimal
Note: GALACTOCELE	TGLs = 1-15		
Note: FIBROADENOMA	TGLs = 2-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Ectasia	Marked
Note: ADENOMA	TGLs = 3-1		
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12902

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Leukemia Mononuclear Leukemia Mononuclear	
Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization Nephropathy	Multifocal, Minimal Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4,5-16			
Lung		Inflammation Leukemia Mononuclear	Chronic, Mild
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic, Focal, Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma Leukemia Mononuclear	
Note: ADENOMA TGLs = 2-1			
Salivary Glands	Duct	Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: UNUSUAL ARTIFACT IN WALL OF TRACHEA, EMBOLIC LIVER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12902

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12904

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Note: ANGIECTASIS	TGLs = 3-16		
Mammary Gland		Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic, Minimal
Stomach			
Note: GLANDULAR MUCOSA IS IRREGULAR IN THICKNESS, NO LESION			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12905

TRT#: 6

SEX: Female

DAY ON TEST: 599

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Intestine Large - Cecum

Intestine Large - Colon

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Lymph Node - Mesenteric

Mammary Gland

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Spleen

Stomach - Forestomach

Stomach - Glandular

Thyroid Gland

Trachea

Urinary Bladder

MISSING

Intestine Large - Rectum

AUTO PRECLUDES DIAG.

Nose

INSUFFICIENT TISSUE

Esophagus

Thymus

OBSERVATIONS

Adrenal Gland

Cortex

Vacuolization Cytoplasmic

Focal, Minimal

Heart

Inflammation

Chronic, Minimal

Kidney

Nephropathy

Minimal

Liver

Basophilic Focus

Lung

Congestion

Mild

Note: CONGESTION TGLs = 1-4

Uterus

Endometrium

Polyp Stromal

Note: POLYP STROMAL TGLs = 2-16

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12906

TRT#: 5

SEX: Female

DAY ON TEST: 550

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Mild
Eye	Lens	Cataract	Mild
Note: CATARACT	TGLs = 1-15		
Intestine Small	Ileum	Edema	Mild
Kidney		Autolysis	Mild
Note: AUTOLYSIS	TGLs = 2-15		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lymph Node	Axillary	Leukemia Mononuclear	
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8,9,10-15.1+15.2+15.3+15.4		
Nose	Mucosa	Fungus	
		Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-12		
Stomach	Forestomach	Inflammation	Acute, Mild
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12906

TRT#: 5

SEX: Female

DAY ON TEST: 550

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12907

TRT#: 6

SEX: Female

DAY ON TEST: 253

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Heart
Liver
Ovary
Skin
Thymus

Adrenal Gland - Medulla
Brain
Intestine Large - Cecum
Lymph Node - Mesenteric
Pancreas
Spleen
Thyroid Gland

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Mammary Gland
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Islets, Pancreatic
Nose
Salivary Glands
Stomach - Glandular
Uterus

MISSING

Intestine Large - Colon

Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Kidney
Lung
Note: CONGESTION TGLs = 2-4
Pituitary Gland

Hemorrhage
Congestion
Congestion

Moderate
Mild
Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12911

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS	TGLs = 4-16		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA]	TGLs = 3-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12912

TRT#: 5

SEX: Female

DAY ON TEST: 639

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Clitoral Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Thrombosis	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Epithelium, Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	Multiple
Nose	Mucosa	Inflammation	Acute, Minimal
Spleen		Hematopoietic Cell Proliferation Granulocytic	Moderate
Zymbal's Gland		Carcinoma	

Note: CARCINOMA TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12913

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Moderate
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,5-11+16		
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12914

TRT#: 5

SEX: Female

DAY ON TEST: 725

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Mineralization	Focal, Minimal
		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 4-1		
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Glandular	Inflammation	Acute, Minimal
	Glandular	Pigmentation	Focal, Minimal
Note: INFLAMMATION	TGLs = 5-6		
Note: PIGMENT	TGLs = 5-15+6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12918

TRT#: 5

SEX: Female

DAY ON TEST: 539

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node - Mesenteric	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Small - Duodenum	Parathyroid Gland
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OBSERVATIONS

Heart	Inflammation	Chronic, Minimal
Liver		
Note: TGL2-15		
Note: NODULE CONSISTS OF NORMAL LIVER TISSUE		
Mammary Gland	Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1		
Nose	Mucosa	Inflammation
		Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12920

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Eye
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OBSERVATIONS

Heart	Inflammation	Chronic, Minimal
Kidney	Nephropathy	Minimal
Mammary Gland	Fibroadenoma	
Note: FIBROADENOMA TGLs = 2,3-15.1+15.2		
Pancreas	Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma
	Pars Distalis	Cyst
Thyroid Gland	C Cell	Hyperplasia
Uterus	Endometrium	Hyperplasia

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12921

TRT#: 5

SEX: Female

DAY ON TEST: 624

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain		Inflammation	Chronic, Focal, Moderate
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Moderate
Kidney		Autolysis	Moderate
Lung		Congestion	Mild
[Congestion TGLS = 1-4]			
Nose		Autolysis	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-1			
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12922

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone		Osteopetrosis	Moderate
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Duct	Ectasia	Mild
		Galactocele	Moderate
		Hyperplasia	Mild
Note: GALACTOCELE	TGLs = 2-15.1		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12924

TRT#: 4

SEX: Female

DAY ON TEST: 626

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	Multiple
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1-15.1		
Pancreas		Atrophy	Focal, Mild
Saliv Glands			
Note: POOR SECTION, LARGE BUBBLE			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 2-15.2		
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12926

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Eye	Lens	Cataract	Mild
	Retina	Degeneration	Mild
Note: CATARACT	TGLs = 1-15.1		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
		Inflammation	Chronic Active, Multifocal, Minimal
Note: FIBROADENOMA	TGLs = 2-15		
Mesentery		Inflammation	Chronic, Multifocal, Minimal
	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 5-16		
Ovary	Follicle	Cyst	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA]	TGLs = 3-1		
Thymus	Medulla	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12928

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Perivascular	Inflammation	Chronic, Mild
Mammary Gland	Duct	Ectasia	Mild
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2,3-15 [Ectasia TGLS = 1-15]			
Nose	Nasolacrim Dct	Inflammation	Chronic, Minimal
Ovary	Follicle	Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 5-16			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12929

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland	Duct	Ectasia	Mild
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA			
TGLs = 1-1			
Salivary Glands	Duct	Inflammation	Chronic, Minimal
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12930

TRT#: 5

SEX: Female

DAY ON TEST: 588

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Thymus
Uterus

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lung
Pituitary Gland
Thyroid Gland

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

Stomach - Forestomach

INSUFFICIENT TISSUE

Skin

OBSERVATIONS

Adrenal Gland
Bone Marrow
Heart
Kidney
Liver

Cortex
Myeloid Cell

Vacuolization Cytoplasmic
Hyperplasia
Inflammation
Autolysis
Basophilic Focus
Necrosis
Fibroadenoma

Focal, Minimal
Minimal
Chronic, Minimal
Mild
Multiple
Acute, Focal, Minimal

Mammary Gland

Note: FIBROADENOMA TGLs = 1-15

Nose

Nasolacrim Dct
Nasolacrim Dct

Cyst

Minimal

Spleen

Hematopoietic Cell Proliferation Granulocytic

Chronic Active, Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12932

TRT#: 6

SEX: Female

DAY ON TEST: 568

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mesenteric	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Tongue
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Nose
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INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION	TGLs = 2-5		
Heart		Inflammation	Chronic, Minimal
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: HEMORRHAGE	TGLs = 4-15.1		
Mammary Gland		Galactocele	
		Hyperplasia	Mild, Minimal
Note: GALACTOCELE	TGLs = 1-15		
Pituitary Gland		Autolysis	Mild
		Hemorrhage	Mild
Note: AUTOLYSIS	TGLs = 3-1		
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12933

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-12			
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Note: NODULE IS NORMAL LIVER 2-15.1			
Note: BASOPH FOCUS TGLs = 5-15.1+16			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Carcinoma	
Note: CARCINOMA TGLs = 1-15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12934

TRT#: 4

SEX: Female

DAY ON TEST: 344

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Multifocal, Mild
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Uterus		Inflammation	Acute, Moderate
		Inflammation	Chronic, Moderate

Note: CHANGES COMPATIBLE WITH PROLAPSE

Note: INFLAMMATION TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12935	TRT#: 6	SEX: Female	DAY ON TEST: 497
	DOSE: 30 MG/KG FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

AUTO PRECLUDES DIAG.

Nose

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 1-4		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12936	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 30 MG/KG FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Thymus

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12937

TRT#: 5

SEX: Female

DAY ON TEST: 702

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Acute, Mild
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 3-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Acute, Minimal
Ovary		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
Note: CYST TGLs = 2-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Inflammation	Acute, Mild
	Glandular	Necrosis	Acute, Minimal
Note: NECROSIS TGLs = 8-15.1			
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-3			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12939

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 2-5.1		
Heart		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Ovary	Follicle	Cyst	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12940

TRT#: 5

SEX: Female

DAY ON TEST: 535

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Rectum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Ovary
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Autolysis	Mild
	Colon	Autolysis	Mild
Intestine Small	Duodenum	Autolysis	Mild
	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Kidney		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 3-15.1		
Mammary Gland		Fibroadenoma	
		Inflammation	Acute, Moderate
Note: FIBROADENOMA	TGLs = 1-15.2		
Nose		Autolysis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation Granulocytic	Marked
Note: HEMA CL PR GRN	TGLs = 2-12		
Thyroid Gland		Ultimobranchial Cyst	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 4-15		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12941

TRT#: 6

SEX: Female

DAY ON TEST: 616

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone		Hyperostosis	Mild
Note: HYPEROSTOSIS	TGLs = 9-15		
Bone Marrow		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-14		
Clitoral Gland		Sarcoma	
Note: HAS SOME TYPE OF STROMAL TUMOR			
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-1		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12942

TRT#: 5

SEX: Female

DAY ON TEST: 630

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain		Astrocytoma Malignant	
Note: ASTROCYTO MAL	TGLs = 2-10		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION	TGLs = 3-16		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Skin	Face	Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12943

TRT#: 5

SEX: Female

DAY ON TEST: 637

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Degeneration	Fatty, Marked
		Inflammation	Granulomatous, Multifocal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Stomach	Forestomach	Inflammation	Acute, Moderate
Thyroid Gland	C Cell	Adenoma	
Uterus		Dilatation	Mild
Vagina		Inflammation	Acute, Minimal
[Inflammation TGLS = 1-15]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12945

TRT#: 5

SEX: Female

DAY ON TEST: 568

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-15.1+15.2		
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose	Sinus	Inflammation	Acute, Mild
Ovary		Granulosa Cell Tumor Malignant	
Pancreas		Atrophy	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12946

TRT#: 5

SEX: Female

DAY ON TEST: 639

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Intestine Small	Ileum	Congestion	Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Nose	Mucosa	Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12950

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Heart	Pericardium	Fibrosis	Focal, Mild
		Inflammation	Chronic, Minimal
Note: FIBROSIS TGLs = 3-9			
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Mammary Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-1			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Skin	Face	Inflammation	Chronic Active, Focal, Mild
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12952

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Neoplastic Nodule	
		Vacuolization Cytoplasmic	Focal, Mild
Note: NEOPLASTIC NOD TGLs = 3-15.2			
Note: VACUOLIZ CYTO TGLs = 5,6,7-16			
Mammary Gland	Duct	Ectasia	Marked
		Hyperplasia	Mild
Note: ECTASIA TGLs = 2-15.1			
Note: HYPERPLASIA TGLs = 2-15.1			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12953

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Skin

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Lung
Stomach - Forestomach

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Stomach - Glandular

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland
Heart
Note: LEUKEMIA MONUC TGLs = 2-9

Ileum

Leukemia Mononuclear
Leukemia Mononuclear

Intestine Small
Kidney
Liver
Note: ANOM HEPAT LOB TGLs = 4-16

Mandibular

Leukemia Mononuclear
Nephropathy
Hepatodiaphragmatic Nodule
Leukemia Mononuclear

Mild

Lymph Node
Mammary Gland
Nose
Ovary
Pituitary Gland
[Adenoma TGLS = 3-1]

Nasolacrim Dct

Leukemia Mononuclear
Hyperplasia
Inflammation
Leukemia Mononuclear
Adenoma

Acute, Mild

Salivary Glands

Pars Distalis

Atrophy
Leukemia Mononuclear
Leukemia Mononuclear

Focal, Minimal

Spleen
Note: LEUKEMIA MONUC TGLs = 1-12

C Cell

Leukemia Mononuclear
Adenoma
Leukemia Mononuclear
Leukemia Mononuclear

Thymus
Thyroid Gland
Trachea
Urinary Bladder

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12953

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium
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Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12955

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Minimal
Note: BASOPH FOCUS	TGLs = 4-16		
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Ovary	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12956	TRT#: 5	SEX: Female	DAY ON TEST: 731
	DOSE: 15 MG/KG FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Acute, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	Multiple
		Vacuolization Cytoplasmic	Focal, Mild
Note: VACUOLIZ CYTO	TGLs = 2,3-16		
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12957

TRT#: 6

SEX: Female

DAY ON TEST: 679

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Uterus	

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Leukemia Mononuclear	
Kidney	Epithelium, Renal Tubule	Pigmentation	Mild
Note: PIGMENT	TGLs = 4-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4		
Lymph Node	Mediastinal	Congestion	Minimal
	Lymphocyte, Mesenteric	Depletion Cellular	Mild
Note: CONGESTION	TGLs = 7-15.3		
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	Moderate
Note: GALACTOCELE	TGLs = 2-15.2		
Note: [FIBROADENOMA]	TGLs = 1,2-15.2		
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 8-1		
Salivary Glands		Infiltration Cellular	Lymphocyte, Multifocal, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12957	TRT#: 6	SEX: Female	DAY ON TEST: 679
	DOSE: 30 MG/KG FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 5-12			
Stomach	Glandular	Inflammation	Acute, Mild
	Glandular	Necrosis	Acute, Mild
	Arteriole, Glandular, Submucosa	Thrombosis	Moderate
Note: NECROSIS TGLs = 9-15			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILLOM TGLs = 10-16			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12958

TRT#: 6

SEX: Female

DAY ON TEST: 512

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Heart
Intestine Small - Duodenum
Kidney
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin
Thymus

Blood Vessel
Clitoral Gland
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Harderian Gland
Note: INFLAMMATION TGLs = 1-15
Liver
Lung
Mammary Gland
Nose
Pituitary Gland
Uterus

Inflammation

Chronic, Minimal

Basophilic Focus

Inflammation

Granulomatous, Multifocal, Minimal

Inflammation

Granulomatous, Multifocal, Mild

Hyperplasia

Minimal

Foreign Body

Minimal

Inflammation

Acute, Moderate

Cyst

Mild

Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12960

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION	TGLs = 4-16		
Lung		Hemorrhage	Minimal
Note: HEMORRHAGE	TGLs = 2-4		
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA]	TGLs = 1-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Urinary Bladder	Transit Epithe	Hyperplasia	Marked
Uterus	Endometrium	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12961

TRT#: 4

SEX: Female

DAY ON TEST: 558

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Skin

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Parathyroid Gland
Uterus

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Pituitary Gland

INSUFFICIENT TISSUE

Clitoral Gland

OBSERVATIONS

Heart		Leukemia Mononuclear
Liver		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 4-11	
Lung		Leukemia Mononuclear
Lymph Node	Mesenteric	Leukemia Mononuclear
Mammary Gland		Hyperplasia
Note: HYPERPLASIA	TGLs = 1-7	
Mesentery	Fat	Leukemia Mononuclear
	Fat	Necrosis
Note: LEUKEMIA MONUC	TGLs = 3-15.1	
Nose	Vomeronas Org	Leukemia Mononuclear
Ovary		Leukemia Mononuclear
Pancreas		Leukemia Mononuclear
Salivary Glands		Leukemia Mononuclear
Spinal Cord		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 6-15	
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 2-12	
Stomach	Forestomach	Leukemia Mononuclear
	Glandular	Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 5-6	
Thymus		Leukemia Mononuclear

Moderate

Focal, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12961

TRT#: 4

SEX: Female

DAY ON TEST: 558

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12964

TRT#: 5

SEX: Female

DAY ON TEST: 575

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12+15		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12965	TRT#: 4	SEX: Female	DAY ON TEST: 675
	DOSE: CONTROL FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15+15.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Stomach	Epithelium, Forestomach	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12969

TRT#: 6

SEX: Female

DAY ON TEST: 270

DOSE: 30 MG/KG FEMALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Liver	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 2-4		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Moderate
Pituitary Gland	Pars Distalis	Cyst	Minimal
Note: MALFORMATION (DUCTS) IN PARS NERVOSA			
Spleen		Pigmentation	Mild
Thymus		Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12971

TRT#: 5

SEX: Female

DAY ON TEST: 672

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Autolysis	Minimal
Intestine Small	Ileum	Autolysis	Moderate
Kidney		Autolysis	Mild
		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Multifocal, Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 4-15		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2		
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 3-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12975

TRT#: 5

SEX: Female

DAY ON TEST: 243

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Blood Vessel

Bone

Bone Marrow

Brain

Clitoral Gland

Esophagus

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Liver

Mammary Gland

Nose

Ovary

Pancreas

Parathyroid Gland

Pituitary Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Thymus

Thyroid Gland

Trachea

Urinary Bladder

Uterus

OBSERVATIONS

Lung

Congestion

Mild

Note: CONGESTION TGLs = 1-4

Lymph Node

Mesenteric

Hyperplasia

Lymphoid, Mild

Spleen

Pigmentation

Mild

Note: SPECIAL STAIN-IRON POSITIVE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12976

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Trachea

Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Mammary Gland
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Cortex

Hypertrophy
Inflammation
Nephropathy
Basophilic Focus
Inflammation
Inflammation
Necrosis
Cyst

Focal, Minimal
Chronic, Minimal
Minimal
Granulomatous, Multifocal, Mild
Chronic, Minimal
Focal, Moderate
Mild

Lung
Mesentery
Pituitary Gland
Note: CYST TGLs = 2-1

Perivascular
Fat
Pars Distalis

Salivary Glands
Uterus

Duct
Endometrium

Inflammation
Polyp Stromal

Chronic Active, Minimal

Note: POLYP STROMAL TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12977

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum, Submucosa	Inflammation	Acute, Focal, Mild
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Leukemia Mononuclear	
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12978

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Duct	Ectasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12979 **TRT#:** 5 **SEX:** Female **DAY ON TEST:** 731
DOSE: 15 MG/KG FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Hemangiosarcoma	
		Nephropathy	Moderate
Note: HEMANGIOSARC	TGLs = 1-15		
Liver		Basophilic Focus	Multiple
Lymph Node	Renal	Congestion	Mild
	Renal	Hemorrhage	Mild
Note: CONGESTION	TGLs = 2-15.1		
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Hyperplasia	Focal, Minimal
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12980

TRT#: 5

SEX: Female

DAY ON TEST: 427

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Thyroid Gland

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Kidney
Parathyroid Gland
Stomach - Forestomach
Trachea

Blood Vessel
Intestine Large - Cecum
Intestine Small - Ileum
Lung
Pituitary Gland
Stomach - Glandular
Urinary Bladder

Bone
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mesenteric
Salivary Glands
Thymus
Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow
Heart
Liver
Mammary Gland
Note: FIBROADENOMA TGLs = 1-15
Nose
Pancreas
Spleen

Myeloid Cell

Mucosa

Hyperplasia
Inflammation
Basophilic Focus
Fibroadenoma

Foreign Body
Inflammation
Atrophy
Hematopoietic Cell Proliferation Granulocytic

Mild
Chronic, Minimal
Multiple

Mild
Acute, Mild
Focal, Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12982

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Bilateral, Cortex	Hyperplasia	Focal, Moderate
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-15.2		
Mammary Gland		Fibroadenoma	
Note: LEUKEMIA MONUC	TGLs = 1-15.1	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-1		
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-12		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12982

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Endometrium

Leukemia Mononuclear

Polyp Stromal

Note: POLYP STROMAL TGLs = 6-15.1

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12983

TRT#: 6

SEX: Female

DAY ON TEST: 593

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Trachea	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Kidney	Epithelium, Renal Tubule	Pigmentation	Mild
Note: PIGMENT	TGLs = 3-12		
Liver		Leukemia Mononuclear	
		Necrosis	Acute, Focal, Minimal
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 1-15		
Ovary		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-6		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12985

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex Cortex	Hyperplasia Vacuolization Cytoplasmic	Focal, Mild Focal, Moderate
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Inflammation	Acute, Focal, Mild
Note: LIVER HAS SUGGESTION OF LEUKOCYTOSIS			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma Galactocele	Mild
Note: FIBROADENOMA TGLs = 1,2-15+15.2			
Pituitary Gland	Pars Distalis Pars Distalis	Angiectasis Hyperplasia	Minimal Mild
Note: HYPERPLASIA TGLs = 3-1			
Stomach	Epithelium, Forestomach Forestomach	Hyperplasia Inflammation	Mild Chronic, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12988

TRT#: 5

SEX: Female

DAY ON TEST: 677

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION TGLs = 2-15			
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	Moderate
Intestine Small	Jejunum	Autolysis	Moderate
Kidney		Autolysis	Mild
		Congestion	Mild
Liver		Congestion	Moderate
Stomach	Glandular	Necrosis	Acute, Minimal
Note: NECROSIS TGLs = 5-15.1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 12989

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Moderate
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15+15.1		
Pancreas		Atrophy	Focal, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12991

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Nose

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: SINUSOIDS OF LIVER SUGGESTIVE OF LEUKOCYTOSIS			
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
		Hyperplasia	Moderate
Note: FIBROADENOMA TGLs = 1,2-15			
Note: HYPERPLASIA TGLs = 1-15			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12992

TRT#: 4

SEX: Female

DAY ON TEST: 672

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7-15.2+15.3		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1-15.1		
Ovary	Follicle	Cyst	Moderate
Note: CYST	TGLs = 4-5		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
Note: ANGIECTASIS	TGLs = 8-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12998

TRT#: 6

SEX: Female

DAY ON TEST: 662

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Brain		Congestion	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Congestion	Minimal
		Mineralization	Multifocal, Mild
Note: CONGESTION	TGLs = 2-12		
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-6		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Carcinoma	
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 12999

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic Active, Mild
Note: INFLAMMATION TGLs = 1-5			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
	Epithelium, Renal Tubule	Pigmentation	Mild
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Minimal
Note: ANOM HEPAT LOB TGLs = 6-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 2-15			
Ovary	Periovarn Tiss	Cyst	Moderate
Note: CYST TGLs = 4-5			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13002

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Note: INFLAMMATION TGLs = 2-15			
Mammary Gland	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Carcinoma	
	Pars Distalis	Hyperplasia	Mild
Note: CARCINOMA TGLs = 1-1			
Note: PITUITARY CARCINOMA INFILTRATING PARS INTERMEDIA			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13008

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA TGLs = 4-17			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Cytoplasmic Alteration	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Note: CYTOPLAS ALTER TGLs = 3-16			
Lung	Alveolar Epith	Hyperplasia	Focal, Mild
Note: HYPERPLASIA TGLs = 2-4			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Nose	Nasolacrim Dct	Cyst	Minimal
	Nasolacrim Dct	Inflammation	Chronic, Mild
Stomach	Glandular, Serosa	Inflammation	Chronic, Multifocal, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13009

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS TGLs = 2,3-16			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 4-17			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13010

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION TGLs = 2-16			
Lung			
Note: ENDOCRINE STRUCTURE MAY HAVE BEEN ATTACHED TO VISCERAL			
Note: PLEURA			
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1			
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13011

TRT#: 5

SEX: Female

DAY ON TEST: 584

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
	Epithelium, Renal Tubule	Pigmentation	Mild
Note: PIGMENT	TGLs = 4-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lymph Node	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-15		
Mammary Gland	Duct	Ectasia	Mild
Nose	Mucosa	Inflammation	Acute, Minimal
	Vein	Thrombosis	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Uterus		Dilatation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13012

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Pancreas
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Nose		Hemorrhage	Mild
Ovary	Follicle	Cyst	Mild
Note: CYST	TGLs = 3-5		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 4-1		
Skin		Carcinoma	
Note: [CARCINOMA]	TGLs = 2-15.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13014

TRT#: 4

SEX: Female

DAY ON TEST: 693

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ANGIECTASIS	TGLs = 5-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13016

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Retina	Degeneration	Moderate
Note: DEGEN	TGLs = 1-15		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Acute, Focal, Mild
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Duct	Ectasia	Minimal
Ovary		Granulosa Cell Tumor Benign	
	[Granulosa Cell Tumor Benign TGLS = 2-5]		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13019

TRT#: 5

SEX: Female

DAY ON TEST: 706

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Bone Marrow		Myelofibrosis	Moderate
Brain		Inflammation	Acute, Focal, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-11		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2+15.3		
Pituitary Gland	Pars Distalis	Cyst	Minimal
Note: CYST	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Necrosis	Acute, Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-15		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13020

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Nose
Skin
Thymus
Uterus

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Thyroid Gland

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lung
Pituitary Gland
Stomach - Forestomach
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland
Heart
Kidney
Liver

Inflammation
Inflammation
Nephropathy
Basophilic Focus
Congestion

Chronic Active, Mild
Chronic, Mild
Minimal
Minimal

Note: CONGESTION TGLs = 3-16

Mammary Gland

Fibroadenoma
Galactocele

Mild

Note: GALACTOCELE TGLs = 2-15.2

Note: FIBROADENOMA TGLs = 1,2-15.1

Pancreas

Atrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13023

TRT#: 5

SEX: Female

DAY ON TEST: 610

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Congestion	Minimal
		Mineralization	Multifocal, Minimal
Note: CONGESTION	TGLs = 3-12		
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Minimal
Note: BASOPH FOCUS	TGLs = 2-15.1		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13024

TRT#: 6

SEX: Female

DAY ON TEST: 597

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Esophagus		Inflammation	Acute, Focal, Mild
Note: INFLAMMATION	TGLs = 2-2		
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Nose	Mucosa	Inflammation	Acute, Moderate
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13026

TRT#: 6

SEX: Female

DAY ON TEST: 340

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney		Mineralization	Multifocal, Minimal
Lung		Congestion	Moderate

Note: CONGESTION TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13027

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic Inflammation	Focal, Mild Chronic, Mild
Heart			
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Mineralization Nephropathy	Multifocal, Minimal Minimal
Liver		Basophilic Focus Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION TGLs = 4,5-16			
Mammary Gland		Galactocele Hyperplasia	Moderate Moderate
Note: HYPERPLASIA TGLs = 2-15.2			
Note: GALACTOCELE TGLs = 2-15.2			
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Cyst	Mild
[Adenoma TGLS = 3-1]			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Skin	Subcut Tiss	Fibroma	
Note: [FIBROMA] TGLs = 1-15.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13027

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13030

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Angiectasis	Focal, Mild
		Basophilic Focus	
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
		Galactocele	Moderate
Note: GALACTOCELE TGLs = 1-15.1			
Pancreas		Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-1			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Uterus		Dilatation	Moderate
Note: DILATATION TGLs = 3-5			
Zymbal's Gland		Carcinoma	
Note: ZYMBAL'S GLAND CARCINOMA HAS SQUAMOUS CELL DIFFERENTIATION			
Note: CARCINOMA TGLs = 2-15.2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13032

TRT#: 5

SEX: Female

DAY ON TEST: 647

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Acute, Focal, Mild
Bone Marrow		Hyperplasia	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Ovary		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
		Cytoplasmic Alteration	Focal, Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13034

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
Note: HYPERTROPHY TGLs = 5-16			
Note: LEUKEMIA MONUC TGLs = 2-11			
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13036

TRT#: 6

SEX: Female

DAY ON TEST: 647

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1-15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Note: EARLY MCL			
Uterus		Dilatation	Moderate
		Hemorrhage	Moderate
	Endometrium	Polyp Stromal	
Note: HEMORRHAGE	TGLs = 3-15.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13037

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland	Duct	Ectasia	Mild
		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-15.1+15.2			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13039

TRT#: 5

SEX: Female

DAY ON TEST: 679

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Diffuse, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Necrosis	Acute, Focal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-15.2		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-1		
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARC	TGLs = 1-15.3		
Stomach	Glandular	Necrosis	Acute, Minimal
Note: NECROSIS	TGLs = 5-15		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 6-15.1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13040

TRT#: 4

SEX: Female

DAY ON TEST: 565

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Pigmentation	Minimal
Brain		Carcinoma	Early Invasion (Pituitary Gland), Metastatic (Pituitary Gland)
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Mild
Note: HYPERPLASIA	TGLs = 4-15		
Mammary Gland		Carcinoma	
		Hyperplasia	Mild
Note: [CARCINOMA]	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 3-1		
Spleen		Pigmentation	Mild
Uterus		Dilatation	Moderate
Note: DILATATION	TGLs = 2-5		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13042

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Ovary
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Uterus

MISSING

Nose

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Acute, Focal, Minimal
Note: ANOM HEPAT LOB TGLs = 3,4-16			
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland	Duct	Ectasia	Mild
	Duct	Ectasia	Moderate
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1			
Note: ECTASIA TGLs = 1-15.1			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Calculus Micro Observation Only	Multifocal
	Transit Epithe	Carcinoma	
		Hyperplasia	Papillary, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13042

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 2-15.2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13044

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Moderate
Mammary Gland	Duct	Ectasia	Mild
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
Note: ADENOMA	TGLs = 4-1		
Spleen		Hematopoietic Cell Proliferation Granulocytic	Marked
Note: HEMA CL PR GRN	TGLs = 3-15.2		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13046

TRT#: 6

SEX: Female

DAY ON TEST: 283

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Liver		Hepatodiaphragmatic Nodule	
Note: ANOM HEPAT LOB	TGLs = 4-16		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Nose	Sinus	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thymus		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 3-3		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13047

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Moderate
Note: CATARACT	TGLs = 3-15.3		
Heart		Inflammation	Chronic, Mild
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Note: MINERALIZATION	TGLs = 4-12		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Mild
Note: ANOM HEPAT LOB	TGLs = 6-16		
Lung	Perivascular	Inflammation	Chronic, Minimal
Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Moderate
Note: FIBROADENOMA	TGLs = 2-15.2		
Note: CARCINOMA	TGLs = 1-15.1		
Ovary	Follicle	Cyst	Mild
Pancreas		Atrophy	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13047

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: CYST	TGLs = 5-1	Pars Distalis	Cyst	Moderate
Thyroid Gland		C Cell	Adenoma	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13048

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Hypertrophy	Mild
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Acute, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 4-15		
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2		
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: HYPERPLASIA	TGLs = 3-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13050

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Uterus		Dilatation	Moderate

Note: DILATATION TGLs = 1-5

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13051

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Trachea

Adrenal Gland - Medulla
Brain
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Glandular
Urinary Bladder

Blood Vessel
Esophagus
Intestine Small - Ileum
Lymph Node - Mesenteric
Skin
Thymus
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Mammary Gland
Spleen
Thyroid Gland

OBSERVATIONS

Clitoral Gland
Heart
Intestine Large
Kidney

Liver

Nose
Ovary
Pituitary Gland
Salivary Glands

Colon

Bile Duct
Nasolacrim Dct
Follicle
Pars Distalis

Duct

Inflammation
Inflammation
Parasite Metazoan
Mineralization
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Cyst
Hyperplasia

Inflammation

Chronic Active, Moderate
Chronic, Minimal

Multifocal, Minimal
Minimal
Multiple
Minimal
Chronic Active, Minimal
Mild
Mild

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13053

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Focal, Mild
	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Inflammation	Chronic Active, Moderate
Note: INFLAMMATION	TGLs = 3-5.1		
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Moderate
	Sclera	Mineralization	Focal, Minimal
Note: MINERALIZATION	TGLs = 2-15		
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Lung	Perivascular	Inflammation	Chronic, Minimal
		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 1-15.1		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13053

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Nasolacrim Dct Pars Distalis	Inflammation Hyperplasia	Chronic, Mild Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13054

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Skin
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Stomach - Forestomach

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Thymus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Parathyroid Gland
Trachea

OBSERVATIONS

Bone Marrow
Heart
 Note: THROMBUS TGLs = 6-9
Kidney

Liver
 Note: LEUKEMIA MONUC TGLs = 3,4-11
Lung
Mammary Gland
Nose
Ovary
Pancreas
Pituitary Gland

 Note: ANGIECTASIS TGLs = 7-1
Salivary Glands
Spleen

 Note: FIBROSIS TGLs = 2-12
Stomach
 Note: NECROSIS TGLs = 8-15
Thyroid Gland

Atrium Lft

Perivascular
Duct
Nasolacrim Dct
Follicle

Pars Distalis
Pars Distalis

Duct

Glandular
C Cell

Leukemia Mononuclear
Thrombosis

Leukemia Mononuclear
Mineralization
Nephropathy
Leukemia Mononuclear

Inflammation
Ectasia
Inflammation
Cyst
Leukemia Mononuclear
Angiectasis
Hyperplasia

Inflammation
Fibrosis
Leukemia Mononuclear

Necrosis

Hyperplasia

Moderate

Multifocal, Minimal
Minimal

Chronic, Minimal
Minimal
Acute, Mild
Moderate

Minimal
Mild

Chronic Active, Minimal
Moderate

Acute, Minimal

Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13054

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Sarcoma Stromal

Note: WOULD HAVE CALLED THIS A SARCOMATOUS POLYP

Note: POLYP STROMAL TGLs = 5-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13057	TRT#: 6	SEX: Female	DAY ON TEST: 331
	DOSE: 30 MG/KG FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Liver
Lymph Node - Mesenteric	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
-------------------------	---------------------------

OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Mineralization	Multifocal, Minimal
Lung		Congestion	Mild
Note: CONGESTION TGLs = 1-4			
Nose	Mucosa	Inflammation	Acute, Minimal
Pancreas		Atrophy	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13059

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Adenoma Hyperplasia	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Mammary Gland		Carcinoma Hyperplasia	Mild
Note: CARCINOMA TGLs = 1-15.1			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Glandular Forestomach	Necrosis Ulcer	Acute, Mild Marked
Note: NECROSIS TGLs = 9-15.2			
Note: ULCER TGLs = 8-15.3			
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium Endometrium	Fibrosis Polyp Stromal	Moderate
Note: POLYP STROMAL TGLs = 5-15			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13059

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 30 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13060

TRT#: 5

SEX: Female

DAY ON TEST: 662

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney	Epithelium, Renal Tubule	Pigmentation	Moderate
Note: PIGMENT TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13061

TRT#: 6

SEX: Female

DAY ON TEST: 257

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Heart
Intestine Small - Ileum
Liver
Ovary
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mesenteric
Pancreas
Skin
Thymus
Uterus

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Mammary Gland
Parathyroid Gland
Spleen
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Kidney
Nose
Pituitary Gland
Stomach - Forestomach
Trachea

OBSERVATIONS

Intestine Large

Colon

Parasite Metazoan

Lung

Congestion

Mild

Note: CONGESTION TGLs = 1-4

Nose

Note: HAS ARTIFACT IN FORM OF CRYSTALS

Spleen

Note: HAS IRON STAIN. MUCH IRON POSITIVE PIGMENT

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13063

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
Bone Marrow		Myelofibrosis	Mild
Clitoral Gland		Inflammation	Acute, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Fibrosis	Focal, Minimal
Nose		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13065

TRT#: 6

SEX: Female

DAY ON TEST: 351

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Parathyroid Gland
Thymus
Uterus

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Lymph Node - Mesenteric
Pituitary Gland
Thyroid Gland

Blood Vessel
Esophagus
Intestine Small - Duodenum
Ovary
Skin
Trachea

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Pancreas
Stomach - Glandular
Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Clitoral Gland
Heart
Kidney
Liver
 Note: BASOPH FOCUS TGLs = 4-16
Lung
 Note: CONGESTION TGLs = 2-4
Nose
Salivary Glands
Spleen
Stomach
 Note: INFLAMMATION TGLs = 1-15

Mucosa
Duct
Forestomach

Inflammation
Inflammation
Mineralization
Basophilic Focus

Congestion

Inflammation
Inflammation
Pigmentation
Inflammation

Acute, Minimal
Chronic, Minimal
Multifocal, Minimal

Moderate

Acute, Mild
Chronic Active, Minimal
Mild
Acute, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13070

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Eye	Lens	Cataract	Marked
	Retina	Degeneration	Marked
Note: CATARACT	TGLs = 4-15		
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.1		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13072

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
		Inflammation	Acute, Focal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2,3,4-15+15.1+15.2+15.3		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibroma	
Thymus		Cyst	Mild
Uterus		Dilatation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13075

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: RAISED AREA IS NORMAL TISSUE			
Lung	Alveolar Epith	Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13076

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1, 2-15		
Note: HYPERPLASIA	TGLs = 3-16		
Parathyroid Gland		Congestion	Focal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Vacuolization Nuclear	Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach, Submucosa	Inflammation	Acute, Minimal
	Glandular, Submucosa	Inflammation	Chronic, Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13077

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Ectasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland	Duct	Ectasia	Mild
		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA	TGLs = 1,2-15.1+15.2		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13079

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung	Interstitium	Infiltration Cellular	Multifocal, Moderate
		Leukemia Mononuclear	
Note: INFILTRAT CELL	TGLs = 4-4		
Mammary Gland	Duct	Ectasia	Minimal
		Galactocele	Mild
Note: GALACTOCELE	TGLs = 1-15		
Mesentery		Inflammation	Chronic, Multifocal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach	Epithelium, Forestomach	Hyperplasia	Moderate
	Forestomach	Inflammation	Chronic, Mild
Note: HYPERPLASIA	TGLs = 5-6		
Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13079

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13081

TRT#: 5

SEX: Female

DAY ON TEST: 494

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Islets, Pancreatic
Ovary
Skin
Thymus
Uterus

Blood Vessel
Esophagus
Intestine Large - Rectum
Lung
Pancreas
Spleen
Thyroid Gland

Bone
Heart
Intestine Small - Ileum
Lymph Node - Mesenteric
Parathyroid Gland
Stomach - Forestomach
Trachea

MISSING

Clitoral Gland

OBSERVATIONS

Intestine Small
Kidney
Note: NEPHROPATHY TGLs = 1-12
Liver

Ileum

Congestion
Nephropathy

Mild
Moderate

Mammary Gland
Pituitary Gland

Pars Distalis
Pars Distalis

Basophilic Focus
Inflammation
Fibroadenoma
Adenoma
Angiectasis

Multiple
Granulomatous, Multifocal, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13082

TRT#: 6

SEX: Female

DAY ON TEST: 724

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Spleen
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Stomach - Forestomach
Urinary Bladder

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Skin
Thyroid Gland

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Brain
Heart
Kidney
Liver
Lung
Note: CONGESTION TGLs = 1-4
Mammary Gland
Pituitary Gland
Note: ADENOMA TGLs = 2-1

Coron Artery

Pars Distalis

Congestion
Inflammation
Nephropathy
Basophilic Focus
Congestion

Hyperplasia
Adenoma

Mild
Chronic, Moderate
Minimal

Mild

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13086

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 15 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Focal, Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3,4-15			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-1			
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13087

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Minimal
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Multifocal, Minimal
		Leukemia Mononuclear	
Lung	Perivascular	Inflammation	Chronic, Minimal
Lymph Node	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-15		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Glandular	Infiltration Cellular	Lymphocyte, Focal, Mild
Note: INFILTRAT CELL	TGLs = 4-16		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13095

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Cecum
Intestine Small - Ileum
Lymph Node - Mesenteric
Pancreas
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Brain
Intestine Large - Colon
Intestine Small - Jejunum
Mammary Gland
Salivary Glands
Stomach - Glandular
Uterus

Blood Vessel
Clitoral Gland
Intestine Large - Rectum
Islets, Pancreatic
Nose
Skin
Thyroid Gland

Bone
Esophagus
Intestine Small - Duodenum
Lung
Ovary
Spleen
Trachea

OBSERVATIONS

Heart
Kidney
Liver
Parathyroid Gland
Pituitary Gland
Thymus

Pars Distalis

Inflammation
Nephropathy
Inflammation
Hyperplasia
Hyperplasia
Cyst

Chronic, Minimal
Minimal
Granulomatous, Multifocal, Minimal
Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13096

TRT#: 5

SEX: Female

DAY ON TEST: 652

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Autolysis	Mild
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Multifocal, Minimal
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-1			
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 1-15			
Spleen		Angiectasis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13097

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Spleen
Trachea

Adrenal Gland - Medulla
Brain
Intestine Small - Duodenum
Lung
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Blood Vessel
Esophagus
Intestine Small - Ileum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Jejunum
Nose
Skin
Thymus

MISSING

Clitoral Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Mammary Gland	Duct	Ectasia	Moderate
		Fibroadenoma	
Note: ECTASIA TGLs = 2-15.2			
Note: FIBROADENOMA TGLs = 1,2-15.1+15.2			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13099

TRT#: 5

SEX: Female

DAY ON TEST: 3

DOSE: 15 MG/KG FEMALE

DISP: Dosing Accident

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Mild
Clitoral Gland		Inflammation	Chronic Active, Mild
Lung		Congestion	Minimal
[Congestion TGLS = 5-4]			
Thymus		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 4-3			
Uterus		Dilatation	Mild
Note: DILATATION TGLs = 1-5			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:48

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13100

TRT#: 6

SEX: Female

DAY ON TEST: 717

DOSE: 30 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Acute, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Pancreas		Atrophy	Focal, Mild
Stomach	Epithelium, Forestomach	Hyperplasia	Minimal
	Forestomach, Muscularis	Hypertrophy	Focal, Mild
Note: HYPERTROPHY	TGLs = 2-6		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13102

TRT#: 5

SEX: Female

DAY ON TEST: 600

DOSE: 15 MG/KG FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Lymph Node - Mesenteric	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart	Atrium Lft	Thrombosis	Mild
Kidney	Epithelium, Renal Tubule	Pigmentation	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: CYST	TGLs = 3-1		
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13103

TRT#: 4

SEX: Female

DAY ON TEST: 595

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Note: CYST	TGLs = 2-1		
Spleen		Leukemia Mononuclear	
Stomach	Epithelium, Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Moderate
	Glandular	Inflammation	Chronic Active, Minimal
Note: HYPERPLASIA	TGLs = 1-6		
Tongue		Squamous Cell Papilloma	
Note: SQ CL PAPILOM	TGLs = 4-15+16		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13105

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Ectasia	Mild
Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-16		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4		
Mammary Gland	Duct	Ectasia	Moderate
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.1		
Pancreas		Inflammation	Chronic, Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13106

TRT#: 4

SEX: Female

DAY ON TEST: 637

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Clitoral Gland	Intestine Large - Rectum
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OBSERVATIONS

Bone Marrow		Hypoplasia	Mild
Brain	Thrd Ventrl	Dilatation	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Degeneration	Fatty, Moderate
		Inflammation	Granulomatous, Multifocal, Mild
Note: INFLAMMATION	TGLs = 4-16		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 5-17		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Spleen		Pigmentation	Mild
Stomach	Forestomach	Inflammation	Chronic Active, Marked
Note: INFLAMMATION	TGLs = 1,3-6+15		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13107

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Pancreas	Parathyroid Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Hyperplasia	Mild
Brain		Astrocytoma Malignant	
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Moderate
Note: CATARACT	TGLs = 3-15.3		
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Mild
Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 1-15.1		
Pituitary Gland		Pigmentation	Focal, Minimal
Salivary Glands	Duct	Inflammation	Chronic, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-15.2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13109

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Mesenteric
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Multifocal, Minimal
Note: ANOM HEPAT LOB	TGLs = 8-16		
Note: INFLAMMATION	TGLs = 7-11+15		
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
		Hyperplasia	Minimal
Note: FIBROADENOMA	TGLs = 1-15.1		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Note: CYST	TGLs = 5-1		
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 6-2		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Monochloroacetic acid
CAS Number: 79-11-8

Date Report Requested: 10/19/2014
Time Report Requested: 01:04:48
First Dose M/F: NA / NA
Lab: IRDC

ANIMAL ID: 13111

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 30 MG/KG FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Multifocal, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Granulomatous, Multifocal, Mild
Lung	Perivascular	Inflammation	Chronic, Minimal
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
Salivary Glands		Inflammation	Chronic, Minimal
Skin		Keratoacanthoma	

Note: KERATOACANTHMA TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05705-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Monochloroacetic acid

CAS Number: 79-11-8

Date Report Requested: 10/19/2014

Time Report Requested: 01:04:49

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 13113

TRT#: 5

SEX: Female

DAY ON TEST: 596

DOSE: 15 MG/KG FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Ovary
Spleen
Trachea

Adrenal Gland - Medulla
Brain
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

Blood Vessel
Esophagus
Intestine Small - Duodenum
Lymph Node - Mesenteric
Salivary Glands
Stomach - Glandular
Uterus

Bone
Intestine Large - Cecum
Intestine Small - Ileum
Nose
Skin
Thyroid Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Clitoral Gland
Heart
Kidney

Liver
Lung
 Note: CONGESTION TGLs = 2-4
Mammary Gland
 Note: FIBROADENOMA TGLs = 1-15
Pancreas
Pituitary Gland
 Note: ADENOMA TGLs = 3-1

Pars Distalis

Inflammation
Inflammation
Autolysis
Nephropathy
Inflammation
Congestion

Fibroadenoma

Atrophy
Adenoma

Acute, Mild
Chronic, Minimal
Mild
Moderate
Granulomatous, Multifocal, Mild
Mild

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE