

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

<b>C Number:</b>	C60173
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	09/05/1990

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**Test Compound:** Mercuric chloride  
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**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30174

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 609

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30174

**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
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-10+15.1		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 2-5.2+15		
Prostate		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-12		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6,7-5.1		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

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Route: GAVAGE

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Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30176

TRT#: 1

SEX: Male

DAY ON TEST: 707

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	Marked
	Valve	Thrombosis	Mild
Note: THROMBUS TGLs = 9-3+17			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 7-6			
Liver		Ectasia	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Thrombosis	Focal, Mild
Note: HYPERPLASIA TGLs = 5-7+18+19+20+21			
Note: THROMBUS TGLs = 4-18			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10,11-4+5+15			
Lymph Node	Mediastinal	Infiltration Cellular	Plasma Cell, Mild
	Pancreatic	Leukemia Mononuclear	
Note: INFILTRAT CELL TGLs = 14-16			
Note: LEUKEMIA MONUC TGLs = 6-23			
Nose	Mucosa	Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Prostate		Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

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**Lab:** IRDC

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**ANIMAL ID:** 30176

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 707

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30176

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 8-7

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1,2,3-11+22

Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30178

TRT#: 1

SEX: Male

DAY ON TEST: 638

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-10+15			
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 8-6.2+15.3			
Intestine Small	Ileum	Hyperplasia	Lymphoid, Minimal
Note: HYPERPLASIA TGLs = 7-6.2+15.4			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-12			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Note: HDN TGLs = 3-15.1			
Lung		Inflammation	Acute, Multifocal, Moderate
Note: INFLAMMATION TGLs = 5-4			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Edema	Mild

\* PROTOCOL REQUIRED TISSUE

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**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30178

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 638

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30178

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: EDEMA	TGLs = 9-6.1	Forestomach	Inflammation	Acute, Minimal
Testes		Bilateral, Interstit Cell	Hyperplasia	Mild
Thyroid Gland		C Cell	Hyperplasia	Minimal
		Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH		-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30179

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye	Retina	Degeneration	Marked
Note: DEGEN TGLs = 1-15			
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 5-6			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Note: BASOPH FOCUS TGLs = 4-14			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7-1			
Testes	Interstitial Cell	Adenoma	
		Atrophy	Moderate
Note: ATROPHY TGLs = 2-11			
Note: ADENOMA TGLs = 3-16			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30180

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 8-3			
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-6			
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: CYTOPLAS ALTER TGLs = 1,3-16			
Note: HDN TGLs = 2-15			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Acute, Mild
Skin		Trichoepithelioma	
Note: TRICHOEPITHEL TGLs = 9-17			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6-11+14			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30181

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild
Prostate		Hyperplasia	Focal, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2,3,4-10			
Thyroid Gland	Follicular Cel	Adenoma	
Tissue NOS		Sarcoma	
Note: SARCOMA TGLs = 1-14			
Note: ABDOMINAL MASS			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30182

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	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	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Minimal
Heart		Inflammation Leukemia Mononuclear	Chronic, Minimal
Note: LEUKEMIA MONUC TGLs = 12-3			
Intestine Large	Cecum	Edema	Minimal
Note: EDEMA TGLs = 3-10			
Kidney		Leukemia Mononuclear Nephropathy	Mild
Note: NEPHROPATHY TGLs = 8-6			
Liver		Cytoplasmic Alteration Leukemia Mononuclear	Focal, Minimal
Note: CYTOPLAS ALTER TGLs = 5-20			
Note: LEUKEMIA MONUC TGLs = 4-7+19+20+21			
Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical Iliac Mandibular Mediastinal Pancreatic Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1,7,13,14,15,16-8+22+14			
Note: LEUKEMIA MONUC TGLs = 15+16+17+18			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
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**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
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**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30182

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30182

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Prostate		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 11-11		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 9-11		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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**Date Report Requested:** 10/18/2014  
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**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30183

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30183

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Minimal
Heart	Epicardium	Inflammation	Chronic, Focal, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 8-6			
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6,7-7+18			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 5-5			
Mammary Gland	Duct	Ectasia	Mild
Note: ECTASIA TGLs = 4-16			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 11-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-11+15			
Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	
Thyroid Gland	C Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

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**Lab:** IRDC

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**ANIMAL ID:** 30183

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30183

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30184

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30184

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 7-6		
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4,5,6-7+15+20		
Lung		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 13-4		
Note: SUSPECT FUNGUS.			
Lymph Node	Axillary	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-19		
Pancreas		Cytoplasmic Alteration	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-18		
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-16		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 8,9,10,11-11+17		

\* PROTOCOL REQUIRED TISSUE

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**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30184

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30184

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

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**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30185

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 656

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:** 30185

**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	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland Note: PHEOCHROM BGN TGLs = 7-1.1	Medulla	Pheochromocytoma Benign	
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver Note: LEUKEMIA MONUC TGLs = 3-11+15.1		Leukemia Mononuclear	
Lung Note: HEMORRHAGE TGLs = 5-4+15	Alveolar Epith	Hemorrhage Hyperplasia	Mild Mild
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pituitary Gland Note: CYST TGLs = 6-1	Pars Distalis	Cyst	Minimal
Preputial Gland	Duct	Ectasia Inflammation	Mild Acute, Mild
Spleen Note: LEUKEMIA MONUC TGLs = 1-12		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2-5.1	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30186

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-6			
Liver		Cytoplasmic Alteration	Focal, Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7			
Note: CYTOPLAS ALTER TGLs = 4-15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 10-14			
Preputial Gland		Inflammation	Acute, Minimal
Prostate		Hyperplasia	Focal, Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 9-18			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1,2-16			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA TGLs = 6,7-11+17			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30187

TRT#: 1

SEX: Male

DAY ON TEST: 672

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30187

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	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Congestion	Mild
	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 5,6-4		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Hyperplasia	Focal, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-15		
Stomach	Glandular	Inflammation	Acute, Moderate
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 2-5.1		
Note: HYPERPLASIA	TGLs = 3,4-5.1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30189

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 577

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30189

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-5.1			
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30190

TRT#: 1

SEX: Male

DAY ON TEST: 565

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Chronic, Minimal
	Colon	Inflammation	Chronic, Minimal
Intestine Small	Jejunum	Carcinoma	
	Jejunum	Metaplasia	Osseous, Moderate
Note: CARCINOMA	TGLs = 1-15.2		
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Cytoplasmic Alteration	Focal, Mild
		Ectasia	Mild
Note: ECTASIA	TGLs = 2-15		
Pancreas		Atrophy	Focal, Minimal
Stomach	Forestomach	Edema	Moderate
	Forestomach	Hyperplasia	Mild
	Forestomach	Ulcer	Moderate
Note: EDEMA	TGLs = 5-6+15.1		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30190

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 565

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30190

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30192

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30192

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Duodenum	Necrosis	Mild
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT TGLs = 6-6			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN TGLs = 5-18			
Note: LEUKEMIA MONUC TGLs = 4-7			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4+5			
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 15+19+20			
Note: LEUKEMIA MONUC TGLs = 1,2,10,11,12,13-8+14+16			
Nose	Nasolacrim Dct	Inflammation	Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30192

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30192

**ORGAN AND ACCOUNTABLE SITE STATUS**

Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-17			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 8,9-11			
Thymus		Leukemia Mononuclear	
Urinary Bladder		Concretion	Mild
Note: PROSTATIC PLUG			
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30193

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30193

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	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Glioma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Jejunum	Carcinoma	
Note: CARCINOMA	TGLs = 1-15		
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mesenteric	Ectasia	Moderate
Note: ECTASIA	TGLs = 2-15.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-1		
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30195

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30195

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Minimal
Brain		Hydrocephalus	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-6		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2-7+15		
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-14		
Preputial Gland		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-11		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30196

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30196

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Minimal
Epididymis	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 7-17		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-6		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN	TGLs = 1-18		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 10-14		
Skin	Face	Cyst	Minimal
		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4-11+16		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30197

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30197

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Epididymis	Fat	Necrosis	Focal, Mild
Note: NECROSIS TGLs = 1-16			
Eye	Retina	Degeneration	Marked
Note: DEGEN TGLs = 9-18			
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-6			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 7-5			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 10-14			
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Hyperplasia	Focal, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 2-17			
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

---

**ANIMAL ID:** 30197

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30197

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 3,4,5-11+15

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30198

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30198

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-6			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Minimal
Pancreas		Atrophy	Focal, Marked
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 7-18			
Spleen		Hematopoietic Cell Proliferation Granulocytic	Marked
Note: HEMA CL PR GRN TGLs = 1-17			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5-11+16			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30199

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 692

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30199

**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	Nose	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Medulla	Hypertrophy Pheochromocytoma Benign	Focal, Minimal
[ Hypertrophy TGLS = 5-1.1 ]			
Bone Marrow		Leukemia Mononuclear	
Heart	Endocardium	Fibrosis Inflammation	Mild Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-12			
Liver		Hemangioma Leukemia Mononuclear	
Note: HEMANGIOMA TGLs = 4-15.2			
Lung		Hemorrhage Leukemia Mononuclear Metaplasia	Minimal Osseous, Focal, Minimal
Note: HEMORRHAGE TGLs = 9-4+15.1			
Note: METAPL TGLs = 10-15.1			
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Ectasia	Mild
Note: ADENOMA TGLs = 12-1			
Preputial Gland		Hyperplasia Inflammation	Mild Chronic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

---

**ANIMAL ID:** 30199

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 692

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30199

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: INFLAMMATION TGLs = 1,2-15+15.3

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-12

Testes

Interstit Cell

Adenoma

Atrophy

Moderate

Note: ATROPHY TGLs = 13-5.1

Note: ADENOMA TGLs = 8-5.1

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30201

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:** 30201

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Intestine Small - Ileum	Intestine Small - Jejunum
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**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 5-6			
Liver		Necrosis	Acute, Moderate
Note: NECROSIS IS AGONAL CHANGE			
Note: NECROSIS TGLs = 4-7			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 6-16			
Pancreas		Adenoma	
		Atrophy	Focal, Moderate
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Acute, Mild
Note: HYPERPLASIA TGLs = 1-15			
Prostate		Inflammation	Acute, Minimal
Spleen		Fibrosis	Moderate
Note: FIBROSIS TGLs = 2-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-11			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30201

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:** 30201

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30202

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30202

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Pancreas	Parathyroid Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Adrenal Gland - Medulla

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-6		
Liver		Basophilic Focus	Multiple
Nose	Respirat Epith	Hyperplasia	Moderate
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Cytoplasmic Alteration	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Salivary Glands	Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4,5-11+15		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30203

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30203

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Parathyroid Gland	Prostate
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
	Cortex	Vacuolization Cytoplasmic	Minimal
Note: PHEOCHROM MAL TGLs = 8-14			
Epididymis	Fat	Necrosis	Focal, Mild
Note: NECROSIS TGLs = 4-20			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Focal, Mild
Note: VACUOLIZ CYTO TGLs = 7-15			
Lung	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
Note: INFILTRAT CELL TGLs = 9-5			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 3-18			
Note: FIBROMA TGLs = 1-16			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6-11+19			
Thyroid Gland	C Cell	Carcinoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30203

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30203

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30204

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30204

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Mild
Kidney	Cortex	Cyst	Mild
		Nephropathy	Moderate
Note: CYST	TGLs = 7-14		
Note: NEPHROPATHY	TGLs = 6-6		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Note: HDN	TGLs = 1-16		
Lung		Congestion	Minimal
		Foreign Body	Mild
		Inflammation	Granulomatous, Mild
Note: CONGESTION	TGLs = 8-4		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: MCL IS VERY EARLY.			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3,4,5-11+15		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30204

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30204

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

C Cell

Carcinoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30205

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30205

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Preputial Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Focal, Mild
Eye	Lens	Cataract	Mild
	Retina	Degeneration	Marked
Note: CATARACT	TGLs = 6-16		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-14		
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 7-17		
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-11+15		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30206

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 551

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30206

**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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 5-12			
Liver		Necrosis	Acute, Minimal
Note: NECROSIS TGLs = 3-11			
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA TGLs = 2-15.1			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Basal Cell Adenoma	
Note: BASAL CEL ADEN TGLs = 1-15			
Testes	Bilateral, Interstit Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30207

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 601

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30207

**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
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Focal, Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-10		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Cytoplasmic Alteration	Focal, Mild
		Leukemia Mononuclear	
Note: CYTOPLAS ALTER	TGLs = 2-15		
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
Preputial Gland		Inflammation	Acute, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Forestomach	Hyperplasia	Mild
	Glandular	Necrosis	Minimal
Note: NECROSIS	TGLs = 4-6		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-5.1		
Thymus		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30207

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 601

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30207

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30208

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30208

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Epididymis	Duct, Epithelium	Degeneration	Moderate
Heart		Leukemia Mononuclear	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Liver		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4-7+16+19		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-4+5		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-14		
Prostate		Hyperplasia	Focal, Mild
Skin		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-17		
Stomach	Glandular	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

---

**ANIMAL ID:** 30208

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30208

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA TGLs = 7-15

Note: ATROPHY TGLs = 6-11

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30209

TRT#: 1

SEX: Male

DAY ON TEST: 506

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30209

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	Lung	Lymph Node - Mesenteric
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Brain		Hydrocephalus	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
Mammary Gland	Duct	Ectasia	Mild
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 1-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Testes	Bilateral, Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30210

TRT#: 1

SEX: Male

DAY ON TEST: 632

DOSE: CONTROL MALE

DISP: Dead

HISTO: 30210

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
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Thrombosis	Marked
Note: THROMBUS	TGLs = 2-15		
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Liver		Congestion	Moderate
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Necrosis	Acute, Moderate
Note: HDN	TGLs = 1-15.1		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 5-4		
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-5.1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30211

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30211

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Lung	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 7-6			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-7+18			
Note: HDN TGLs = 6-16			
Nose	Nasolacrim Dct	Inflammation	Chronic, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 10-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-7			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2,3-11+17			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30212

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30212

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Nose	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex Bilateral, Medulla	Hypertrophy Pheochromocytoma Malignant	Focal, Minimal
[ Hypertrophy TGLS = 21,22-2+30 ]			
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 20-6			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 18,19-7+34			
Lung	Artery, Media	Hypertrophy Leukemia Mononuclear	Mild
Note: LEUKEMIA MONUC TGLs = 16,17-4+5			
Lymph Node	Axillary Deep Cervical Iliac Inguinal Mandibular Mediastinal Mesenteric Pancreatic Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2,3,4,5,6,7,8,9,10,11,12, Note: 27,28,29,30,31-16+17+18+19+20+21+22+23+24+			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30212

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30212

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: PRESCAPULAR MCL ALSO

Note: 25+26+27+28+29+31+36

Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 13-2		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Minimal
Prostate		Hyperplasia	Focal, Mild
Seminal Vesicle		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 23-33		
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-14		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 14-7		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 24,25,26-11+35		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 15-32		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30213

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30213

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex Medulla	Carcinoma Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-6		
Liver		Cytoplasmic Alteration Leukemia Mononuclear	Focal, Mild
Nose	Respirat Epith Mucosa	Hyperplasia Inflammation	Mild Chronic, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Congestion	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-11+14		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30214

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 657

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30214

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-10+15			
Epididymis		Mesothelioma Malignant	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-11			
Nose	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-12			
Stomach	Forestomach	Mesothelioma Malignant	
Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: ADENOMA TGLs = 6,7-5.1			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30215

TRT#: 1

SEX: Male

DAY ON TEST: 586

DOSE: CONTROL MALE

DISP: Moribund

HISTO: 30215

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	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
		Pigmentation	Mild
Note: PIGMENT	TGLs = 3-12		
Liver		Necrosis	Acute, Minimal
Preputial Gland		Adenoma	
		Inflammation	Acute, Moderate
Note: ADENOMA	TGLs = 1-15		
Prostate		Inflammation	Acute, Minimal
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Note: HEMA CL PR GRN	TGLs = 2-12		
Stomach	Glandular	Necrosis	Mild
Note: NECROSIS	TGLs = 4-6		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 5-5.1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30216

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30216

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Minimal
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2,3-6+17		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal, Mild
Note: VACUOLIZ CYTO	TGLs = 1-16		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Respirat Epith	Hyperplasia	Mild
	Mucosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 8-14		
Preputial Gland		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5,6-11+15		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30217

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30217

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Basophilic Focus	Multiple
		Cyst	Mild
		Hyperplasia	Mild
Note: CYST	TGLs = 1-16		
Lung		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 6-4		
Nose	Mucosa	Inflammation	Chronic, Minimal
Pancreas		Atrophy	Focal, Minimal
Spleen		Congestion	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5-11+15		
Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30219

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30219

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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
Preputial Gland	Prostate	Salivary Glands	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**MISSING**

Stomach - Forestomach

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 5-3			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-6			
Liver		Basophilic Focus	Multiple
		Fibrosis	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 1-17			
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 7-5			
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-1			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 8-14			
Skin	Face	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-15+16			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30219

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30219

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30220

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30220

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	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	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-6		
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Cytoplasmic Alteration	Focal, Mild
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
		Inflammation	Granulomatous, Multifocal, Minimal
Note: HDN	TGLs = 3-15		
Note: INFLAMMATION	TGLs = 2-14		
Nose	Respirat Epith	Hyperplasia	Moderate
	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Mild
Spleen		Congestion	Mild
Note: SUSPICIOUS FOR EARLY MCL			
Note: CONGESTION	TGLs = 1-7		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30220

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30220

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6-11+14			
Thymus		Cyst	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA TGLs = 7-2			

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30221

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 279

**DOSE:** CONTROL MALE

**DISP:** Dead

**HISTO:** 30221

**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	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 1-4		
Nose		Autolysis	Mild
Thymus		Congestion	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30222

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30222

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Hypoplasia	Mild
Brain		Inflammation	Acute, Focal, Mild
Heart		Inflammation	Acute, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Inflammation	Acute, Focal, Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-6		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Moderate
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Inflammation	Acute, Minimal
Preputial Gland		Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 1-13		
Prostate		Inflammation	Chronic Active, Mild
Spleen		Congestion	Mild
Note: CONGESTION	TGLs = 2-7		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,5-11		
Thyroid Gland	C Cell	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30222

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30222

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**ORGAN AND ACCOUNTABLE SITE STATUS**

Ultimobranchial Cyst

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**PRIMARY CAUSE OF DEATH**

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Animal Note: CELLS, BUT TOO MANY IMMATURE CELLS TO BE LEUKEMOID.

Animal Note: UNUSUAL CASE OF MCL-MANY MATURE POLYMORPHONUCLEAR

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30223

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30223

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-6			
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: DEGEN TGLs = 5-17			
Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 7-15			
Note: LEUKEMIA MONUC TGLs = 8-4+5			
Pancreas		Atrophy	Focal, Mild
Skin		Cyst	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-18			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-11+16			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30224

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30224

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland Note: PHEOCHROM MAL TGLs = 1-14	Medulla	Pheochromocytoma Malignant	
Heart		Inflammation	Chronic, Mild
Kidney Note: NEPHROPATHY TGLs = 9-6		Nephropathy	Moderate
Liver  Note: LEUKEMIA MONUC TGLs = 7-7 Note: HYPERPLASIA TGLs = 8-18	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Mild Moderate
Lung  Note: LEUKEMIA MONUC TGLs = 10-4+5 Note: HEMORRHAGE TGLs = 11-4+5		Hemorrhage Leukemia Mononuclear	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Acute, Mild
Prostate		Hyperplasia	Focal, Mild
Spleen Note: LEUKEMIA MONUC TGLs = 6-16		Leukemia Mononuclear	
Testes Note: ADENOMA TGLs = 2,3,4,5-11+15	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30224

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30224

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30226

TRT#: 1

SEX: Male

DAY ON TEST: 734

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Adrenal Gland - Medulla

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain		Hydrocephalus	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: CYST	TGLs = 4-6		
Note: NEPHROPATHY	TGLs = 3-6		
Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 8,9-4+5+14		
Pancreas		Atrophy	Focal, Minimal
Prostate		Hyperplasia	Focal, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6,7-11+16		
Thyroid Gland	Follicle	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30227

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 480

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30227

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Lymph Node - Mesenteric	Nose	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Brain		Hydrocephalus	Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Vacuolization Cytoplasmic	Focal, Mild
Lung	Alveolar Epith	Carcinoma	
Note: CARCINOMA	TGLs = 1-15		
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 2-1		
Preputial Gland		Inflammation	Acute, Minimal
Stomach	Glandular	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30229

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30229

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Minimal
Epididymis		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 10-6		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5,6-7+16		
Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
Note: HEMORRHAGE	TGLs = 8-4+5		
Lymph Node	Mediastinal	Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
	Mesenteric	Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
	Axillary	Hemorrhage	Mild
	Pancreatic	Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 2-15		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-14		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30229

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 715

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30229

**ORGAN AND ACCOUNTABLE SITE STATUS**

Nose	Mucosa	Cyst	Minimal
Pancreas		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Pituitary Gland	Pars Distalis	Necrosis	Focal, Minimal
Seminal Vesicle		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-19		
Spleen	Capsule	Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-7		
Stomach	Glandular	Necrosis	Minimal
Testes	Interstitial Cell	Adenoma	
		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Note: FIB HISTIOCYT	TGLs = 4-11+17+18		
Note: ADENOMA	TGLs = 7-11		
Thymus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

Animal Note: MANY VESSELS WITH TUMOR EMBOLI (LIVER,LUNG,HEART)

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30230

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** CONTROL MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30230

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Note: DEGEN TGLs = 1-7			
Lymph Node	Axillary	Congestion	Minimal
Note: CONGESTION TGLs = 9-17			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 8-16			
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 2-15			
Prostate		Inflammation	Chronic, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4,5,6-11+14			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30231

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 546

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30231

**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
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Eye		Hemorrhage	Marked
	Sclera	Inflammation	Acute, Mild
Note: HEMORRHAGE	TGLs = 2-15		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Nose)
Note: OSTEOSARC	TGLs = 3-11		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 5-4		
Lymph Node	Mandibular	Osteosarcoma	Metastatic (Nose)
Note: OSTEOSARC	TGLs = 1-15.1		
Mammary Gland	Duct	Ectasia	Minimal
Nose		Osteosarcoma	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Prostate		Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Acute, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30231

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 546

**DOSE:** CONTROL MALE

**DISP:** Moribund

**HISTO:** 30231

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30232

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO: 30232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
Lung		Inflammation	Granulomatous, Minimal
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5,6,7-11+16		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30293

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 544

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30293

**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	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		

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Duodenum	Autolysis	Moderate
	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Moderate
Kidney		Nephropathy	Moderate
Liver		Congestion	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 4-4		
Nose		Autolysis	Mild
Preputial Gland		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 1-5.2		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30294

TRT#: 2

SEX: Male

DAY ON TEST: 680

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Hemorrhage	Mild
	Rectum	Inflammation	Chronic, Minimal
Note: HEMORRHAGE	TGLs = 4-15.2		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 8-12		
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: LEUKEMIA MONUC	TGLs = 7-11+15		
Note: ANGIECTASIS	TGLs = 6-15.1		
Note: NEOPLASTIC NOD	TGLs = 5-15		
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 11-2		
Prostate		Inflammation	Chronic, Mild
Spleen		Atrophy	Focal, Mild
		Leukemia Mononuclear	
Note: ATROPHY	TGLs = 3-15.3		
Note: LEUKEMIA MONUC	TGLs = 2-12		
Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:58

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30294

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 680

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30294

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Atrophy

Marked

Note: ADENOMA TGLs = 10-5.1

Note: ATROPHY TGLs = 9-5.1

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30295

TRT#: 2

SEX: Male

DAY ON TEST: 175

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30295

**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	Islets, Pancreatic
Kidney	Liver	Lymph Node - Mesenteric	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Intestine Small	Duodenum	Autolysis	Moderate
	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Marked
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose		Autolysis	Mild
Thymus		Congestion	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30296

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 523

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30296

**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
Nose	Parathyroid Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Congestion	Mild
Note: CONGESTION	TGLs = 1-11		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-4		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Cystic, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30298

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 669

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30298

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Mammary Gland	Nose	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Moderate
	Cortex	Vacuolization Cytoplasmic	Mild
Blood Vessel		Mineralization	Mild
Note: MINERALIZATION	TGLs = 5-3		
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Rectum	Mineralization	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Liver	Bile Duct	Hyperplasia	Mild
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 6-2		
Preputial Gland		Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 1-5.2+15		
Stomach	Forestomach	Mineralization	Mild
	Glandular	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3,4-5.1		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30299

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30299

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

Intestine Large - Rectum                      Thymus

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY    TGLs = 3-6			
Liver		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Minimal
Note: BASOPH FOCUS    TGLs = 1-7			
Note: DEGEN            TGLs = 2-16			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA    TGLs = 7-15			
Mesentery	Fat	Necrosis	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA    TGLs = 6-14			
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hypertrophy	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA        TGLs = 4,5-11+18			

**PRIMARY CAUSE OF DEATH**                      -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30300

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 291

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30300

**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	Lymph Node - Mesenteric
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Pancreas		Atrophy	Focal, Minimal
Thymus		Congestion	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30301

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 277

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30301

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Brain	Meninges	Congestion	Mild
Note: CONGESTION	TGLs = 4-10		
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Inflammation	Chronic, Minimal
Lung		Congestion	Moderate
		Hemorrhage	Mild
Note: CONGESTION	TGLs = 3-4+15.1		
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Chronic Active, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30302

TRT#: 2

SEX: Male

DAY ON TEST: 666

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	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	Salivary Glands	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 3-12			
Liver	Bile Duct	Hyperplasia	Mild
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 2-15.1			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-2			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-1			
Preputial Gland		Inflammation	Acute, Mild
Prostate		Inflammation	Chronic Active, Moderate
Stomach	Forestomach	Hyperplasia	Minimal
	Glandular	Mineralization	Mild
Note: HYPERPLASIA TGLs = 6-15			
Testes	Bilateral, Interstit Cell	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-5.1			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30303

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 664

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30303

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**INSUFFICIENT TISSUE**

Nose

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Inflammation	Acute, Minimal
	Cecum	Ulcer	Minimal
Intestine Small	Ileum	Ulcer	Marked
Kidney		Lipoma	
		Nephropathy	Marked
Liver		Eosinophilic Focus	
		Necrosis	Acute, Minimal
Lymph Node	Mesenteric	Autolysis	Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Mineralization	Mild
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 3-15.1		
Note: HYPERPLASIA	TGLs = 2-15.2		
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30304

TRT#: 2

SEX: Male

DAY ON TEST: 519

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30304

**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	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 2-15		
Preputial Gland		Inflammation	Acute, Minimal
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1-15.1		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30305

TRT#: 2

SEX: Male

DAY ON TEST: 333

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30305

**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
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	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Jejunum	Autolysis	Moderate
Kidney		Nephropathy	Minimal
Lung		Congestion	Mild

Note: CONGESTION TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30306

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 398

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30306

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Lymph Node - Mesenteric

**OBSERVATIONS**

Adrenal Gland	Cortex	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-10		
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Autolysis	Moderate
Intestine Small	Jejunum	Autolysis	Marked
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Pituitary Gland		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30307

TRT#: 2

SEX: Male

DAY ON TEST: 627

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30307

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 - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Small - Duodenum

OBSERVATIONS

Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-10		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Liver		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4		
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 2-15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Glandular	Inflammation	Acute, Mild
	Glandular	Necrosis	Minimal
	Glandular	Ulcer	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 3-5.1		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30307

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 627

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30307

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Thyroid Gland

Follicular Cel

Adenoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30308

TRT#: 2

SEX: Male

DAY ON TEST: 680

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
Bone		Fibrous Osteodystrophy	Moderate
Epididymis	Duct, Epithelium	Degeneration	Moderate
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Cecum	Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 2-6.1+15		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Angiectasis	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Note: ANGIECTASIS	TGLs = 1-7		
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 6-15.1		
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-2		
Pituitary Gland	Pars Nervosa	Hyperplasia	Mild
Spleen		Pigmentation	Mild
Stomach	Forestomach	Mineralization	Marked
	Glandular	Mineralization	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30308

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 680

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30308

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: PAPILLOMA SQUA TGLs = 7-15.2	Forestomach	Squamous Cell Papilloma	Multiple
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-5.1			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30309

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 608

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30309

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Blood Vessel	Bone Marrow	Brain
Epididymis	Esophagus	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	Preputial Gland	Salivary Glands	Skin
Spleen	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver	Bile Duct	Hyperplasia	Minimal
Nose		Autolysis	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Acute, Mild
Stomach	Forestomach	Hyperplasia	Moderate
	Forestomach	Inflammation	Acute, Marked
	Glandular	Inflammation	Chronic, Mild
	Glandular	Mineralization	Minimal
Note: INFLAMMATION	TGLs = 2,3-6+15		
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30310

TRT#: 2

SEX: Male

DAY ON TEST: 92

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30310

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 Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Lymph Node - Mesenteric	Mammary Gland	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Liver		Congestion	Mild
Lung		Inflammation	Acute, Multifocal, Moderate
		Inflammation	Acute, Chronic, Marked
Note: INFLAMMATION	TGLs = 2,3-4+15		
Nose		Autolysis	Mild
	Mucosa	Inflammation	Acute, Mild
Stomach	Forestomach	Hyperplasia	Minimal
Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30311

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 666

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30311

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood Vessel	Bone Marrow	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
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Intestine Large	Cecum	Ulcer	Marked
Intestine Small	Jejunum	Autolysis	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Necrosis	Acute, Mild
Note: AGONAL CHANGE			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-1		
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-5.1		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30312

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 600

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30312

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Nose

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Ulcer	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Acute, Mild
Note: NECROSIS	TGLs = 2-11		
Note: HDN	TGLs = 1-15		
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Prostate		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30313

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30313

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**MISSING**

Intestine Large - Rectum

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Minimal
Epididymis		Mesothelioma Malignant	
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Moderate
Intestine Large	Colon	Mesothelioma Malignant	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-6		
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Mild
Note: MANY POLYMORPHONUCLEAR CELLS IN SINUSOIDS			
Lung		Congestion	Minimal
	Alveolar Epith	Hyperplasia	Minimal
	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
Note: CONGESTION	TGLs = 9-5		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 8-14		
Note: HIGH MITOTIC INDEX			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Minimal
Prostate		Mesothelioma Nos	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30313	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> 2.5MG/KGMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 30313

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen Note: MESOTHELIO MAL TGLs = 1-7		Mesothelioma Malignant	
Testes Note: ADENOMA TGLs = 5,6-11	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
Thyroid Gland Tissue NOS Note: MESOTHELIO MAL TGLs = 7-18	Follicular Cel	Hyperplasia Mesothelioma Malignant	Minimal

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30315

TRT#: 2

SEX: Male

DAY ON TEST: 695

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Mesenteric	Mammary Gland
Nose	Pancreas	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Minimal
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Hepatodiaphragmatic Nodule	
		Bile Duct	Hyperplasia
Note: HDN	TGLs = 8-15		Minimal
Lung		Inflammation	Chronic, Mild
		Inflammation	Acute, Multifocal, Moderate
Note: INFLAMMATION	TGLs = 3-4		
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 1-15.1		
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Note: HYPERPLASIA	TGLs = 7-6+15.2		
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 2-5.1		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30315

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 695

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30315

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

C Cell

Adenoma

Follicular Cel

Carcinoma

Note: CARCINOMA TGLs = 5-15.3

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30317

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 636

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30317

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Blood Vessel	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	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	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**MISSING**

Bone	Bone Marrow	Nose
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**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
Note: HDN TGLs = 2-15			
Lung		Congestion	Mild
Note: CONGESTION TGLs = 1-4			
Pancreas		Atrophy	Focal, Mild
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	Follicular Cel	Adenoma	

**PRIMARY CAUSE OF DEATH**

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Animal Note: THESE ARE NOT FROM SAME ANIMAL.

Animal Note: ANIMAL HAS TWO BONES AND TWO NASAL CAVITIES,

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:58

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30318

TRT#: 2

SEX: Male

DAY ON TEST: 690

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Cecum	Hemorrhage	Mild
	Cecum	Ulcer	Moderate
Note: HEMORRHAGE	TGLs = 1-15		
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Cytoplasmic Alteration	Focal, Mild
		Vacuolization Cytoplasmic	Focal, Mild
Lymph Node	Mesenteric	Inflammation	Acute, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-2		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-5.1		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:58  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30319

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 651

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30319

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Preputial Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Ulcer	Marked
Note: ULCER	TGLs = 2-15.1		
Intestine Small	Ileum	Inflammation	Chronic, Mild
Kidney	Renal Tubule	Hyperplasia	Cystic, Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 7-12		
Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Note: DEGEN	TGLs = 3-15		
Lung		Fibrosis	Focal, Minimal
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Mild
		Inflammation	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Cyst	Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 6-2		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30319

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 651

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30319

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 4-5.1

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30320

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 385

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30320

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Rectum	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Lymph Node - Mesenteric

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Autolysis	Marked
	Colon	Autolysis	Marked
Intestine Small	Duodenum	Autolysis	Marked
	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Islets, Pancreatic		Autolysis	Moderate
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 1-11		
Lung		Congestion	Mild
	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic, Mild
Note: CONGESTION	TGLs = 2-4		
Nose		Autolysis	Moderate
		Hemorrhage	Moderate
Pancreas		Autolysis	Moderate

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30322

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 666

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30322

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	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	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION	TGLs = 6-3		
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
		Mineralization	Mild
	Atrium Lft	Thrombosis	Moderate
Intestine Large	Cecum	Inflammation	Acute, Minimal
	Colon	Mineralization	Mild
Note: INFLAMMATION	TGLs = 4,5-6.1		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver	Bile Duct	Hyperplasia	Mild
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE	TGLs = 7-15		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Acute, Moderate
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Mineralization	Moderate
	Glandular	Mineralization	Mild
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30322

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 666

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30322

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 2,3-5.1

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30323

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	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	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Mild
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Epididymis	Duct, Epithelium	Degeneration	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Ulcer	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-6		
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Hemorrhage	Mild
Lung			
Note: HEMORRHAGE	TGLs = 6-5		
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 1-14		
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-2		
Prostate		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30323

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30323

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Testes

Interstit Cell

Adenoma

Atrophy

Mild

Note: ATROPHY      TGLs = 3-11

Note: ADENOMA      TGLs = 4-11

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30324

TRT#: 2

SEX: Male

DAY ON TEST: 685

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex, Extra Adr Tiss	Adenoma	
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Minimal
		Mineralization	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Note: HDN TGLs = 4-15.1			
Note: IMMATURE RED CELL IN SINSOIDS			
Lung		Alveolar/Bronchiolar Adenoma	
Spleen	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
Note: FIBROSIS TGLs = 1-15			
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30325

TRT#: 2

SEX: Male

DAY ON TEST: 693

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	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	Pancreas
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Epididymis	Duct, Epithelium	Degeneration	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
	Atrium Lft	Thrombosis	Moderate
Note: THROMBUS TGLs = 6-9+15.2			
Intestine Small	Jejunum	Autolysis	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-12			
Liver		Necrosis	Acute, Moderate
Note: AGONAL CHANGE			
Note: NECROSIS TGLs = 3-11			
Lymph Node	Mediastinal	Hemangiosarcoma	
Note: HEMANGIOSARC TGLs = 8-15.1			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-2			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Adenoma	
		Inflammation	Acute, Mild
Note: ADENOMA TGLs = 1-15			
Prostate		Inflammation	Acute, Moderate
Skin		Keratoacanthoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30325

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 693

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30325

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: KERATOACANTHMA TGLs = 2-15.3

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 5-5.1

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30326

TRT#: 2

SEX: Male

DAY ON TEST: 156

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30326

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	Islets, Pancreatic
Liver	Lymph Node - Mesenteric	Mammary Gland	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Kidney		Congestion	Mild
Lung		Congestion	Mild

Note: CONGESTION TGLs = 1-4

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30327

TRT#: 2

SEX: Male

DAY ON TEST: 375

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Bone Marrow  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Skin  
Testes

Blood Vessel  
Esophagus  
Intestine Small - Ileum  
Mammary Gland  
Pituitary Gland  
Spleen  
Thyroid Gland

Bone  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Nose  
Prostate  
Stomach - Forestomach  
Trachea

OBSERVATIONS

Brain  
  
Note: HEMORRHAGE TGLs = 4-10  
Heart  
Intestine Large  
Kidney  
  
Liver  
Lung  
Note: CONGESTION TGLs = 1-4  
Preputial Gland  
Thymus  
Note: CONGESTION TGLs = 2-3

Colon  
  
Bile Duct  
  
Duct

Hemorrhage  
Oligodendroglioma Benign  
  
Inflammation  
Parasite Metazoan  
Congestion  
Nephropathy  
Hyperplasia  
Congestion  
  
Ectasia  
Congestion

Mild  
  
Chronic, Mild  
  
Mild  
Minimal  
Minimal  
Mild  
  
Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30331

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 614

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30331

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Pancreas	Prostate
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Intestine Large - Rectum

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Mild
Note: MINERALIZATION TGLs = 4-3			
Bone		Fibrous Osteodystrophy	Moderate
Note: LESION IN NASAL BONES, BUT NOT FEMUR			
Bone Marrow		Leukemia Mononuclear	
Note: QUESTION IF CORRECT SLIDE			
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
	Atrium Lft	Thrombosis	Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-12			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 5-11			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-2			
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Acute, Minimal
Spleen		Fibrosis	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30331	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 614
	<b>DOSE:</b> 2.5MG/KGMALE	<b>DISP:</b> Moribund	<b>HISTO:</b> 30331

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Mineralization	Mild
	Glandular	Mineralization	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30332

TRT#: 2

SEX: Male

DAY ON TEST: 667

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30332

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	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 2-12			
Liver	Bile Duct	Hyperplasia	Mild
Note: MANY IMMATURE RED CELL IN SINUSOIDS			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node		Granuloma	Minimal
	Mesenteric	Inflammation	Chronic, Minimal
Mesentery		Inflammation	Chronic, Minimal
	Fat	Necrosis	Focal, Mild
Note: NECROSIS TGLs = 1-15			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-5.1			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30334

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mesenteric
Mammary Gland	Pancreas	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney	Cortex	Cyst Nephropathy	Minimal Marked
Note: NEPHROPATHY TGLs = 8-6 Note: CYST TGLs = 9-6			
Liver	Hepatocyte	Degeneration Leukemia Mononuclear	Cystic, Mild
Note: LEUKEMIA MONUC TGLs = 6-7 Note: DEGEN TGLs = 7-16			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10-4+5			
Lymph Node		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 11-14			
Mesentery	Fat	Necrosis	Marked
Note: NECROSIS TGLs = 5-15			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 12-2			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30334

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30334

**ORGAN AND ACCOUNTABLE SITE STATUS**

Prostate		Inflammation	Chronic, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2-7		
Testes	Interstitial Cell	Adenoma	
		Atrophy	Marked
Note: ADENOMA	TGLs = 3-11		
Note: ATROPHY	TGLs = 4-11		

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30335

TRT#: 2

SEX: Male

DAY ON TEST: 729

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Eye	Bilateral, Lens	Cataract	Minimal
Note: CATARACT	TGLs = 1-17		
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum Cecum	Inflammation Ulcer	Chronic, Moderate Marked
Note: INFLAMMATION	TGLs = 10-10		
Kidney	Cortex	Cyst Nephropathy	Minimal Marked
Note: CYST	TGLs = 5-6		
Note: NEPHROPATHY	TGLs = 4-6		
Liver	Hepatocyte	Basophilic Focus Degeneration Ectasia	Multiple Cystic, Minimal Mild
Note: ECTASIA	TGLs = 2-16		
Note: DEGEN	TGLs = 3-16		
Lymph Node	Mesenteric Mesenteric	Hyperplasia Inflammation	Mild Chronic, Mild
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 8-2		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30335

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30335

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA

TGLs = 9-14

Stomach

Glandular

Mineralization

Mild

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA

TGLs = 7-11

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30336

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30336

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 3-2 ]			
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4,5-6		
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Note: HDN	TGLs = 2-16		
Nose	Mucosa	Polyp	
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 9-2		
Preputial Gland		Adenoma	
		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 1-17		
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30336

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30336

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 7,8-11+15

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30337

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30337

**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
Mammary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Angiectasis	Mild
		Cytoplasmic Alteration	Focal, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: CYTOPLAS ALTER	TGLs = 1-16		
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 5-4		
Mesentery		Hemorrhage	Focal, Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Hyperplasia	Squamous, Marked
	Mucosa	Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Marked
Pancreas	Artery	Inflammation	Chronic, Moderate
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 4-14		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-13		
Preputial Gland		Inflammation	Chronic, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30337

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30337

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Prostate		Hyperplasia	Focal, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-10+17		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30338

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30338

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Blood Vessel	Bone Marrow	Brain
Esophagus	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	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Bone		Fibrous Osteodystrophy	Mild
Epididymis		Cytomegaly	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Moderate
	Atrium Lft	Thrombosis	Moderate
Note: THROMBUS	TGLs = 7-9+15		
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-12		
Liver		Cytoplasmic Alteration	Focal, Mild
Note: CYTOPLAS ALTER	TGLs = 3-11		
Lung		Hemorrhage	Minimal
Nose	Mucosa	Inflammation	Acute, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 8-2		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
Stomach	Forestomach	Hyperplasia	Moderate
	Glandular	Necrosis	Minimal
Note: NECROSIS	TGLs = 9-15.1		
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30338

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 691

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30338

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 5,6-5.1

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30339

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 671

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30339

**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
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Trachea
Urinary Bladder			

**MISSING**

Epididymis	Parathyroid Gland	Preputial Gland	Testes
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**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal GI			
Note: HANDLING ARTIFACT			
Heart		Inflammation	Acute, Minimal
		Inflammation	Chronic, Mild
Kidney		Inflammation	Acute, Focal, Mild
		Nephropathy	Moderate
Liver		Autolysis	Moderate
	Bile Duct	Hyperplasia	Mild
		Necrosis	Acute, Moderate
Note: AUTOLYSIS	TGLs = 3-11		
Lung		Inflammation	Acute, Multifocal, Moderate
Note: INFLAMMATION	TGLs = 6-4		
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 2-15.1		
Nose			
	Mucosa	Autolysis	Moderate
Skeletal Muscle		Inflammation	Acute, Minimal
Note: HEMORRHAGE	TGLs = 1-15	Hemorrhage	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30339

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 671

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30339

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
		Hemorrhage	Moderate
Note: CARCINOMA TGLs = 4-15.2			
Tongue		Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 5-15.3			

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30340

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30340

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Minimal
Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION TGLs = 8-14			
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Cecum	Inflammation	Acute, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 6-6			
Liver		Angiectasis	Mild
		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Minimal
Note: ANGIECTASIS TGLs = 5-15			
Lung		Inflammation	Acute, Multifocal, Marked
Note: INFLAMMATION TGLs = 3-4+5			
Lymph Node	Mandibular	Inflammation	Acute, Focal, Mild
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Adenoma	
		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 2-2			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30340

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30340

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 7-11		

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30341

TRT#: 2

SEX: Male

DAY ON TEST: 711

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Intestine Large	Cecum	Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 3-10+17		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 5-6		
Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Acute, Minimal
Lymph Node	Mandibular	Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-8.1		
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 7-2		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 8-14		
Preputial Gland		Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 1-16		
Stomach	Glandular	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-11		
Thyroid Gland	Follicular Cel	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30341

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 711

**DOSE:** 2.5MG/KGMALE

**DISP:** Dead

**HISTO:** 30341

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02  
Test Type: CHRONIC  
Route: GAVAGE  
Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
Test Compound: Mercuric chloride  
CAS Number: 7487-94-7

Date Report Requested: 10/18/2014  
Time Report Requested: 21:23:59  
First Dose M/F: NA / NA  
Lab: IRDC

ANIMAL ID: 30342

TRT#: 2

SEX: Male

DAY ON TEST: 149

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30342

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Liver	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Autolysis	Marked
	Colon	Autolysis	Moderate
	Rectum	Autolysis	Mild
	Colon	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Intestine Small	Duodenum	Autolysis	Moderate
	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Moderate
Islets, Pancreatic		Autolysis	Moderate
Kidney		Congestion	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Pancreas		Autolysis	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30343

TRT#: 2

SEX: Male

DAY ON TEST: 523

DOSE: 2.5MG/KGMALE

DISP: Dead

HISTO: 30343

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	Liver	Lymph Node - Mesenteric
Mammary Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose		Foreign Body	Mild
	Mucosa	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Focal, Mild
Spleen		Congestion	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30344

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 586

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30344

**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	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mesenteric	Nose	Pancreas
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Accessory Adrenal Cortical Nodule	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-11		
Lung		Inflammation	Acute, Multifocal, Moderate
		Leukemia Mononuclear	
Note: INFLAMMATION	TGLs = 4-15		
Note: LEUKEMIA MONUC	TGLs = 3,5-4		
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Acute, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30346

TRT#: 2

SEX: Male

DAY ON TEST: 734

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: CYST TGLs = 5-6			
Note: NEPHROPATHY TGLs = 4-6			
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Note: HDN TGLs = 2,3-15+16			
Note: BASOPH FOCUS TGLs = 1-15			
Note: SINUSOIDS CONTAIN NUMEROUS POLYMORPHONUCLEAR CELLS			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Note: INFILTRAT CELL TGLs = 9-4			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 8-2			
Preputial Gland	Duct	Ectasia	Minimal
		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30346

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30346

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA TGLs = 6,7-17

Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30347

TRT#: 2

SEX: Male

DAY ON TEST: 733

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-6			
Liver		Angiectasis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Note: ANGIECTASIS TGLs = 3-16			
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Nervosa	Cyst	Moderate
Note: CYST TGLs = 9-14			
Prostate		Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 5,6,7-11+17			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30348

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 697

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30348

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Nose	Pancreas	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Minimal
Note: MINERALIZATION	TGLs = 4-14		
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Colon	Inflammation	Acute, Minimal
	Colon	Mineralization	Mild
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-6		
Liver	Bile Duct	Hyperplasia	Minimal
Note: MANY IMMATURE RED BLOOD CELLS IN SINUSOIDS			
Mammary Gland	Duct	Ectasia	Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-2		
Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
Stomach	Glandular	Mineralization	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-11		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30349

TRT#: 2

SEX: Male

DAY ON TEST: 732

DOSE: 2.5MG/KGMALE

DISP: Terminal Sacrifice

HISTO: 30349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: ONE ADRENAL HAS TWO CELL TYPES			
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-6			
Liver		Angiectasis	Mild
		Basophilic Focus	Multiple
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
Note: BASOPH FOCUS TGLs = 6-7			
Note: ANGIECTASIS TGLs = 5-7			
Note: DEGEN TGLs = 5-7			
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS TGLs = 1-14			
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 7-2			
Prostate		Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3,4-11			
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30350

TRT#: 2

SEX: Male

DAY ON TEST: 620

DOSE: 2.5MG/KGMALE

DISP: Moribund

HISTO: 30350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Brain
Ear	Epididymis	Esophagus	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Ulcer	Marked
	Rectum	Ulcer	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver			
Note: MANY IMMATURE MYELOID CELLS PRESENT			
Lymph Node	Mesenteric	Hemorrhage	Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30351

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 621

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30351

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone Marrow
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Thymus
Trachea	Urinary Bladder		

**MISSING**

Preputial Gland

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy	Moderate
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Edema	Mild
	Cecum	Hemorrhage	Moderate
Kidney	Cortex	Cyst	Moderate
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-12			
Note: CYST TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6,7-15			
Pituitary Gland	Pars Nervosa	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30351

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 621

**DOSE:** 2.5MG/KGMALE

**DISP:** Moribund

**HISTO:** 30351

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Testes

Glandular

Inflammation

Chronic, Minimal

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA

TGLs = 8-5.1

Thyroid Gland

Follicle

Cyst

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30413

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 667

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30413

**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	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Liver		Congestion	Minimal
	Bile Duct	Hyperplasia	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4,5-15.1		
Mammary Gland		Hyperplasia	Minimal
Nose		Autolysis	Mild
Preputial Gland		Inflammation	Chronic, Minimal
Skin	Tail	Hemorrhage	Mild
	Subcut Tiss, Tail	Necrosis	Mild
Note: HEMORRHAGE	TGLs = 1-15.2		
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30414

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 507

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30414

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Rectum
Lung	Lymph Node - Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Autolysis	Marked
	Colon	Autolysis	Moderate
	Cecum	Ulcer	Marked
Intestine Small	Duodenum	Autolysis	Marked
	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Islets, Pancreatic		Autolysis	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Necrosis	Acute, Mild
Note: AGONAL			
Note: NECROSIS	TGLs = 2-11		
Pancreas		Autolysis	Marked
Stomach	Forestomach	Autolysis	Mild
	Glandular	Autolysis	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30415

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 644

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30415

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood Vessel	Bone	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
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Depletion Cellular	Focal, Mild
	Myeloid Cell	Hyperplasia	Mild
Epididymis	Duct, Epithelium	Degeneration	Moderate
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Mineralization	Mild
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Hepatodiaphragmatic Nodule	
Note: HDN	TGLs = 4-15		
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Iliac	Hyperplasia	Minimal
	Inguinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Minimal
	Renal	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 3,7,8,9-15.2+15.3+15.4+15.5		
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Preputial Gland		Inflammation	Chronic, Mild
Skin		Trichoepithelioma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30415

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 644

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30415

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: TRICHOEPITHEL TGLs = 2-15.1

Spleen

Hematopoietic Cell Proliferation Granulocytic

Mild

Testes

Bilateral, Interstit Cell

Hyperplasia

Mild

Note: HYPERPLASIA TGLs = 6-5.1

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

**ANIMAL ID:** 30416

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 363

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30416

**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	Liver	Lung
Mammary Gland	Nose	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Lymph Node - Mesenteric	Parathyroid Gland
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**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Marked
Pancreas		Atrophy	Focal, Mild
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30417

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Inflammation	Chronic, Moderate
	Cecum	Ulcer	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Nose	Respirat Epith	Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Marked
Pituitary Gland	Pars Nervosa	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Preputial Gland		Inflammation	Chronic, Moderate
Note: INFLAMMATION	TGLs = 1-15		
Prostate		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-6		
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
Note: ADENOMA	TGLs = 3-5.1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30418

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 565

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30418

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood Vessel	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Pituitary Gland	Prostate	Salivary Glands
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Moderate
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Minimal
		Mineralization	Moderate
Intestine Large	Cecum	Inflammation	Acute, Moderate
Note: [ INFLAMMATION ] TGLs = 6-6.1			
Kidney	Renal Tubule	Hyperplasia	Cystic, Minimal
		Nephropathy	Marked
Note: [ NEPHROPATHY ] TGLs = 4-12			
Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Acute, Mild
Note: [ NECROSIS ] TGLs = 3-11			
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: [ HYPERPLASIA ] TGLs = 5-2			
Preputial Gland		Inflammation	Acute, Minimal
Skin	Face	Papilloma	
Note: [ PAPILLOMA ] TGLs = 1-15			
Spleen		Hematopoietic Cell Proliferation Granulocytic	Moderate
Stomach	Forestomach	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30418

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 565

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30418

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: BLOOD CLOT 7-15.2

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30419

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 554

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30419

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Lung	Lymph Node - Mesenteric	Mammary Gland
Nose	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Kidney	Renal Tubule	Hyperplasia	Moderate
		Nephropathy	Marked
Note: [ NEPHROPATHY ] TGLs = 3-12			
Liver	Bile Duct	Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Stomach	Forestomach	Hyperplasia	Minimal
	Glandular	Mineralization	Minimal
	Forestomach	Squamous Cell Papilloma	Multiple
Testes	Bilateral, Interstit Cell	Adenoma	
Note: [ ADENOMA ] TGLs = 1,2-5.1			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30420

TRT#: 3

SEX: Male

DAY ON TEST: 658

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30420

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	Lung
Lymph Node - Mesenteric	Mammary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Bone		Osteomalacia	Marked
Heart		Inflammation	Chronic, Mild
		Mineralization	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Note: [ NEPHROPATHY ] TGLs = 2-12			
Liver		Cytoplasmic Alteration	Focal, Mild
	Bile Duct	Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Focal, Mild
Note: [ NECROSIS ] TGLs = 1-15.3			
Nose		Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: [ HYPERPLASIA ] TGLs = 3-2			
Pituitary Gland	Pars Nervosa	Cyst	Minimal
	Pars Nervosa	Inflammation	Granulomatous, Mild
Preputial Gland		Inflammation	Acute, Minimal
Skeletal Muscle		Inflammation	Acute, Focal, Mild
Note: [ INFLAMMATION ] TGLs = 6-15			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30420

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 658

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30420

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: [ HYPERPLASIA ] TGLs = 4-15.2

Testes

Bilateral, Interstit Cell

Adenoma

Note: [ ADENOMA ] TGLs = 5-5.1

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30421

TRT#: 3

SEX: Male

DAY ON TEST: 411

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30421

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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart	Inflammation	Chronic, Minimal
Kidney	Nephropathy	Minimal
Lung	Congestion	Mild
Note: CONGESTION    TGLs = 1-4		
Nose	Autolysis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30422

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30422

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood Vessel	Brain	Epididymis
Esophagus	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	Prostate	Salivary Glands	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Intestine Large	Cecum	Inflammation	Acute, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-12			
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Acute, Minimal
Skin	Face	Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	Multiple
Note: PAPILLOMA SQUA TGLs = 3-15			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 2-5.1			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30423

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 621

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30423

**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	Parathyroid Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30424

TRT#: 3

SEX: Male

DAY ON TEST: 676

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30424

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
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Mammary Gland	Duct	Ectasia	Minimal
Nose	Mucosa	Inflammation	Chronic Active, Moderate
Pancreas		Atrophy	Focal, Minimal
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	

Note: CARCINOMA TGLs = 1-15

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30425

TRT#: 3

SEX: Male

DAY ON TEST: 586

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30425

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 - Jejunum	Islets, Pancreatic	Lymph Node - Mesenteric
Pituitary Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Medulla	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland Note: CARCINOMA TGLs = 2-15.2	Cortex	Carcinoma	
Bone		Fibrous Osteodystrophy	Minimal
Heart		Inflammation	Chronic, Moderate
Kidney Note: NEPHROPATHY TGLs = 3-12		Nephropathy	Marked
Liver		Necrosis	Acute, Minimal
Lung Note: CARCINOMA TGLs = 5-4 Note: HYPERPLASIA TGLs = 5-15.4	Alveolar Epith	Carcinoma Hyperplasia	Metastatic (Adrenal Gland) Mild
Lymph Node	Renal Renal	Hemorrhage Pigmentation Fibroadenoma	Minimal Mild
Mammary Gland Note: FIBROADENOMA TGLs = 1-15			
Mesentery		Inflammation	Acute, Focal, Mild
Nose		Foreign Body	Minimal
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Parathyroid Gland Note: HYPERPLASIA TGLs = 4-2		Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30425	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 586
	<b>DOSE:</b> 5 MG/KG MALE	<b>DISP:</b> Dead	<b>HISTO:</b> 30425

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Preputial Gland		Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	Multiple

Note: PAPILLOMA SQUA TGLs = 7-15.3

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.

Testes	Bilateral, Interstit Cell	Adenoma	
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30426

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30426

**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	Islets, Pancreatic	Lymph Node - Mesenteric
Mammary Gland	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Marked
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-4		
Nose		Autolysis	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 2-2		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30427

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 595

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30427

**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	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Skin	Face	Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal
	Forestomach	Ulcer	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30428

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30428

**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
Pancreas	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Note: PHEOCHROM BGN	TGLs = 3-16		
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Colon	Inflammation	Chronic, Minimal
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: CYST	TGLs = 4-6		
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Neoplastic Nodule	
Note: HDN	TGLs = 1-17		
Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Minimal
Note: HEMORRHAGE	TGLs = 10,11-5+15		
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 9-20		
Nose	Respirat Epith	Hyperplasia	Mild
	Mucosa	Inflammation	Chronic Active, Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30428	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 719
	<b>DOSE:</b> 5 MG/KG MALE	<b>DISP:</b> Moribund	<b>HISTO:</b> 30428

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Parathyroid Gland Note: HYPERPLASIA TGLs = 7-2		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen Note: ATROPHY TGLs = 8-7		Atrophy	Focal, Mild
Stomach Note: PAPILLOMA SQUA TGLs = 12-21	Forestomach	Squamous Cell Papilloma	
Testes Note: ADENOMA TGLs = 5,6-11	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30429

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 619

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30429

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Large	Cecum	Inflammation	Acute, Mild
Kidney		Nephropathy	Marked
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2,3,4,5-15+15.1+15.2+15.3+1		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	
Testes	Interstitial Cell	Adenoma	
Thymus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30431

TRT#: 3

SEX: Male

DAY ON TEST: 470

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Islets, Pancreatic	Liver	Lung	Mammary Gland
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Small	Jejunum	Autolysis	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Lymph Node	Mesenteric	Hemorrhage	Minimal
Nose	Mucosa	Fungus	
		Inflammation	Chronic Active, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-2		
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Interstitial Cell	Adenoma	
	Bilateral	Atrophy	Mild
	Interstitial Cell	Hyperplasia	Mild
Note: ATROPHY	TGLs = 3-5.1		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30432

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 526

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30432

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	Bone	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Skin	Thyroid Gland	

**OBSERVATIONS**

Adrenal Gland	Capsule, Cortex Medulla	Ectopic Tissue Pheochromocytoma Benign	Minimal
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Duodenum	Leukemia Mononuclear	
	Ileum	Leukemia Mononuclear	
	Jejunum	Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Forestomach	Hyperplasia	Minimal
	Glandular	Leukemia Mononuclear	
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 3-5.1		
Thymus		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30432

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 526

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30432

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Trachea

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30433

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 733

**DOSE:** 5 MG/KG MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30433

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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 - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3,4-6+18		
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Note: HDN	TGLs = 1,2-16		
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: HEMORRHAGE	TGLs = 7-4		
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5,6-11+17		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30434

**TRT#:** 3  
**DOSE:** 5 MG/KG MALE

**SEX:** Male  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 729  
**HISTO:** 30434

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Bone	Bone Marrow	Brain	Epididymis
Esophagus	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
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: CYST	TGLs = 6-15		
Note: NEPHROPATHY	TGLs = 5-6		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN	TGLs = 11-19		
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7,8-4		
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 12-2		
Preputial Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-16		
Skin	Subcut Tiss	Fibroma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30434

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 5 MG/KG MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30434

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: FIBROMA TGLs = 2-17  
Spleen

Fibrosis  
Leukemia Mononuclear

Mild

Note: FIBROSIS TGLs = 10-20  
Note: LEUKEMIA MONUC TGLs = 9-12

Stomach Forestomach  
Testes Interstit Cell  
Interstit Cell

Squamous Cell Papilloma  
Adenoma  
Hyperplasia

Minimal

Note: HYPERPLASIA TGLs = 3-18  
Note: ADENOMA TGLs = 4-18

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30436

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30436

**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
Mammary Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Inflammation	Chronic, Multifocal, Mild
	Cortex	Mineralization	Multifocal, Mild
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION	TGLs = 5,6-14		
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Leukemia Mononuclear	
Lung		Inflammation	Acute, Multifocal, Mild
		Necrosis	Focal, Mild
Nose	Mucosa	Inflammation	Acute, Mild
Pancreas		Leukemia Mononuclear	
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-2		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Moderate
	Forestomach	Inflammation	Acute, Mild
	Glandular	Mineralization	Marked
	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 1-10		
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30436

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30436

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA TGLs = 3-11

Thyroid Gland

Follicular Cel

Carcinoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30437

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 623

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30437

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**MISSING**

Preputial Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Mild
Bone Marrow		Depletion Cellular	Focal, Moderate
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Acute, Marked
	Colon	Inflammation	Chronic, Mild
	Rectum	Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 7-15.4		
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
		Sarcoma	
Liver	Bile Duct	Hyperplasia	Minimal
		Sarcoma	Metastatic (Uncertain Primary Site)
Lung		Sarcoma	Metastatic (Uncertain Primary Site)
Nose		Autolysis	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Sarcoma	Metastatic (Uncertain Primary Site)
Stomach	Forestomach	Hyperplasia	Mild
Testes	Interstitial Cell	Adenoma	
	Bilateral	Atrophy	Moderate
		Mesothelioma Benign	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30437

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 623

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30437

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ATROPHY      TGLs = 5-5.1

PRIMARY CAUSE OF DEATH      -

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Animal Note: MALIGNANT MESOTHELIOMA IS A POSSIBILITY.

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30438

TRT#: 3

SEX: Male

DAY ON TEST: 715

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Astrocytoma Nos	
Heart		Inflammation	Chronic, Mild
	Atrium Lft	Thrombosis	Minimal
Intestine Large	Cecum	Inflammation	Acute, Marked
Note: INFLAMMATION	TGLs = 2-10		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 6-6		
Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4-7+16		
Lung		Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-11		
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30439

TRT#: 3

SEX: Male

DAY ON TEST: 633

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Brain	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	Pituitary Gland
Prostate	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	
Heart		Inflammation	Chronic, Moderate
		Mineralization	Mild
Intestine Large	Cecum	Autolysis	Moderate
	Cecum	Ulcer	Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Necrosis	Acute, Mild
Lung		Inflammation	Chronic, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-2		
Preputial Gland		Inflammation	Acute, Minimal
Spleen	Capsule	Fibrosis	Minimal
Stomach	Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		
Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30441

TRT#: 3

SEX: Male

DAY ON TEST: 644

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Esophagus  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Thyroid Gland

Blood Vessel  
Intestine Large - Colon  
Intestine Small - Jejunum  
Parathyroid Gland  
Skin  
Urinary Bladder

Bone  
Intestine Large - Rectum  
Islets, Pancreatic  
Pituitary Gland  
Stomach - Glandular

Epididymis  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Prostate  
Thymus

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Gland  
Bone Marrow  
Brain  
    Note: LEUKEMIA MONUC TGLs = 6-10  
Heart  
Intestine Large  
Kidney  
    Note: NEPHROPATHY TGLs = 7-12  
Liver  
    Note: HDN TGLs = 2-15  
    Note: LEUKEMIA MONUC TGLs = 3-11  
Lung  
    Note: LEUKEMIA MONUC TGLs = 5-4+15.1  
Nose  
Pancreas  
Spleen  
    Note: LEUKEMIA MONUC TGLs = 1-12  
Stomach

Medulla  
Medulla  
Cecum  
Cecum  
Mucosa  
Forestomach

Pheochromocytoma Benign  
Pheochromocytoma Malignant  
Leukemia Mononuclear  
Leukemia Mononuclear  
Inflammation  
Hemorrhage  
Inflammation  
Nephropathy  
Hepatodiaphragmatic Nodule  
Leukemia Mononuclear  
Leukemia Mononuclear  
Inflammation  
Atrophy  
Leukemia Mononuclear  
Hyperplasia

Chronic, Minimal  
Minimal  
Chronic, Minimal  
Marked  
Chronic Active, Mild  
Focal, Minimal  
Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30441

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 644

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30441

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Testes

Interstit Cell

Adenoma

Mild

Interstit Cell

Hyperplasia

Note: ADENOMA TGLs = 4-5.1

Trachea

Inflammation

Acute, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30442

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG MALE

DISP: Terminal Sacrifice

HISTO: 30442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	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	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 6-10			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-6+17			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 7,8-14			
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Inflammation	Acute, Minimal
	Glandular	Inflammation	Chronic, Mild
	Glandular	Necrosis	Mild
	Glandular	Ulcer	Minimal
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-11+18			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30443

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 599

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30443

**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
Prostate	Salivary Glands	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-12			
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 8-4			
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 10-15.1			
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 9-2			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-15			
Skin	Face	Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
		Necrosis	Focal, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

---

**ANIMAL ID:** 30443

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 599

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30443

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Note: LEUKEMIA MONUC TGLs = 3-12

Note: NECROSIS TGLs = 4-12

Stomach	Forestomach	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6,7-5.1			
Thyroid Gland	C Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30444

TRT#: 3

SEX: Male

DAY ON TEST: 173

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30444

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
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Congestion	Mild
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 1-4		
Lymph Node	Mesenteric	Hyperplasia	Lymphoid, Mild
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Thymus		Hemorrhage	Mild
Trachea		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30446

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 652

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30446

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Blood Vessel	Bone	Brain
Epididymis	Esophagus	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 - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Hyperplasia	Lymphoid, Mild
	Colon	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+15		
Preputial Gland		Inflammation	Chronic, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach	Forestomach	Cyst Epithelial Inclusion	Marked
	Forestomach	Hyperplasia	Minimal
Testes	Interstitial Cell	Adenoma	
		Atrophy	Marked
Note: ADENOMA	TGLs = 4-5.1		
Note: ATROPHY	TGLs = 5-5.1		
Thyroid Gland	Follicle	Cyst	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30447

**TRT#:** 3  
**DOSE:** 5 MG/KG MALE

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 633  
**HISTO:** 30447

**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	Mammary Gland
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Thymus	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-1			
Bone Marrow		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 9-14			
Brain		Astrocytoma Nos	
		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Ulcer	Marked
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-1			
Note: LEUKEMIA MONUC TGLs = 7-15			
Nose	Mucosa	Inflammation	Chronic Active, Mild
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 12-2			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30447

**TRT#:** 3  
**DOSE:** 5 MG/KG MALE

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 633  
**HISTO:** 30447

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: NECROSIS	TGLs = 13-6	Glandular	Necrosis	Minimal
Testes		Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 6-5.1			
Thyroid Gland		Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 11-2			
PRIMARY CAUSE OF DEATH		-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30450

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG MALE

DISP: Terminal Sacrifice

HISTO: 30450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-6+16		
Liver		Basophilic Focus	Multiple
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: HEPATOCLR CARC	TGLs = 2-15		
Pancreas		Inflammation	Granulomatous, Focal, Mild
Stomach	Glandular	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4,5,6,7-11+19		
Thyroid Gland		Ultimobranchial Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30452

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 569

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30452

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	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
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLs = 2-1 ]			
Blood Vessel		Mineralization	Moderate
Bone		Fibrous Osteodystrophy	
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Intestine Large	Cecum	Congestion	Minimal
	Rectum	Hemorrhage	Minimal
Note: CONGESTION	TGLs = 6-6.1		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 5-4		
Nose		Autolysis	Mild
	Mucosa	Inflammation	Chronic Active, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-2		
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Mineralization	Moderate
	Glandular	Mineralization	Minimal
	Forestomach	Squamous Cell Papilloma	Multiple

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30452

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 569

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30452

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: PAPILLOMA SQUA TGLs = 7-6

Testes

Bilateral, Interstit Cell

Adenoma

Thyroid Gland

Follicular Cel

Carcinoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30453

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 669

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30453

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Nose	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Mammary Gland

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Minimal
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Note: CYST	TGLs = 4-12+15		
Liver		Eosinophilic Focus	
Lung		Congestion	Mild
		Inflammation	Granulomatous, Minimal
Note: CONGESTION	TGLs = 8-15.2		
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 7-2		
Spleen		Fibrosis	Mild
Note: FIBROSIS	TGLs = 1-12+15.1		
Stomach	Forestomach	Hyperplasia	Mild
	Glandular	Necrosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

---

**ANIMAL ID:** 30453

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 669

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30453

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 5,6-5.1

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30454

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 638

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30454

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Blood Vessel	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	Pituitary Gland	Prostate	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Moderate
Note: FIB OSTEODYST TGLs = 4-15			
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Epididymis	Duct, Epithelium	Degeneration	Mild
Heart		Inflammation	Chronic, Mild
		Mineralization	Mild
Intestine Large	Colon	Inflammation	Acute, Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver		Basophilic Focus	Multiple
		Necrosis	Acute, Minimal
Note: MANY IMMATURE RED CELLS IN SINUSOIDS			
Nose		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Atrophy	Focal, Moderate
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-2			
Preputial Gland		Adenoma	
Note: ADENOMA TGLs = 1-5.2			
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30454

**TRT#:** 3  
**DOSE:** 5 MG/KG MALE

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 638  
**HISTO:** 30454

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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	Glandular	Necrosis	Minimal
	Forestomach	Squamous Cell Papilloma	Multiple
Testes	Bilateral, Interstit Cell	Adenoma	

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30455

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30455

**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	Lung
Lymph Node - Mesenteric	Mammary Gland	Nose	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Glandular	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
		Mineralization	Mild
Intestine Large	Colon	Inflammation	Acute, Marked
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-12		
Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Acute, Moderate
Note: HDN	TGLs = 2-15		
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 5-2		
Skin	Tail	Neurofibroma	
Note: NEUROFIBROMA	TGLs = 1-15.1		
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-5.1		
Thymus		Cyst	Mild
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30456

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 573

**DOSE:** 5 MG/KG MALE

**DISP:** Dead

**HISTO:** 30456

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	Bone Marrow	Brain	Epididymis
Esophagus	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
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Moderate
		Mineralization	Minimal
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney	Cortex	Cyst	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Note: CYST	TGLs = 2-12		
Liver		Necrosis	Acute, Mild
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-2		
Stomach	Forestomach	Mineralization	Minimal
	Glandular	Mineralization	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-5.1		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30457

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 732

**DOSE:** 5 MG/KG MALE

**DISP:** Terminal Sacrifice

**HISTO:** 30457

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Liposarcoma	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-6		
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
Note: HDN	TGLs = 3,4-18		
Lung		Fibrosis	Focal, Minimal
Note: FIBROSIS	TGLs = 8-4		
Mesentery		Fat	Focal, Moderate
Note: NECROSIS	TGLs = 2-20		
Nose		Mucosa	Acute, Minimal
Pancreas		Atrophy	Focal, Mild
Pituitary Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Skin		Subcut Tiss	
Note: FIBROMA	TGLs = 1-14		
Stomach		Forestomach	Squamous Cell Papilloma
Testes		Interstitial Cell	Adenoma
Thyroid Gland		C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30458

**TRT#:** 3  
**DOSE:** 5 MG/KG MALE

**SEX:** Male  
**DISP:** Moribund

**DAY ON TEST:** 667  
**HISTO:** 30458

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Pancreas
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-12			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Mild
Note: INFLAMMATION TGLs = 4-15			
Nose	Mucosa	Inflammation	Chronic Active, Mild
Parathyroid Gland		Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 3-2			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-5.1			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30460

TRT#: 3

SEX: Male

DAY ON TEST: 490

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30460

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	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Mineralization	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver	Bile Duct	Hyperplasia	Mild
Lung	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
Preputial Gland		Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Minimal
	Forestomach	Squamous Cell Papilloma	
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30462

TRT#: 3

SEX: Male

DAY ON TEST: 719

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla Medulla	Pheochromocytoma Benign Pheochromocytoma Complex	
Note: PHEOCHROM CPLX TGLs = 5-14			
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 6-6			
Liver		Cytoplasmic Alteration	Focal, Minimal
Note: CYTOPLAS ALTER TGLs = 1-15			
Lung		Hemorrhage	Mild
Note: HEMORRHAGE TGLs = 8-5			
Lymph Node	Mesenteric	Congestion	Minimal
Note: CONGESTION TGLs = 11-17			
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Preputial Gland	Duct	Hyperplasia Inflammation	Moderate Acute, Minimal
Note: HYPERPLASIA IS ACTUALLY HYPERKERATOSIS			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 9,10-11			
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA TGLs = 7-2			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30462

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 719

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30462

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30463

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 595

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30463

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Moderate
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Chronic, Moderate
	Rectum	Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Liver	Bile Duct	Hyperplasia	Mild
Parathyroid Gland		Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 4-2		
Skin	Face	Inflammation	Acute, Mild
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30464	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 361
	<b>DOSE:</b> 5 MG/KG MALE	<b>DISP:</b> Dead	<b>HISTO:</b> 30464

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Intestine Small	Duodenum	Autolysis	Moderate
	Ileum	Autolysis	Moderate
	Jejunum	Autolysis	Moderate
Kidney		Mineralization	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Lung		Leukemia Mononuclear	
Pancreas		Autolysis	Mild
Spleen		Leukemia Mononuclear	
Thymus		Autolysis	Moderate

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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30465

TRT#: 3

SEX: Male

DAY ON TEST: 710

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Pancreas  
Spleen  
Urinary Bladder

Adrenal Gland - Medulla  
Epididymis  
Intestine Large - Rectum  
Islets, Pancreatic  
Pituitary Gland  
Thymus

Blood Vessel  
Esophagus  
Intestine Small - Duodenum  
Lymph Node  
Prostate  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Trachea

OBSERVATIONS

Bone  
Brain  
Note: GLOBIS PALLIDUS QUITE CELLULAR

Fibrous Osteodystrophy  
Mild

Heart  
Note: MINERALIZATION TGLs = 3-3

Inflammation  
Mineralization  
Chronic, Mild  
Moderate

Kidney  
Note: NEPHROPATHY TGLs = 4-6

Nephropathy  
Marked

Liver  
Note: HYPERPLASIA TGLs = 5-2

Basophilic Focus  
Necrosis  
Hyperplasia  
Inflammation  
Hyperplasia  
Multiple  
Acute, Minimal  
Mild  
Chronic Active, Minimal  
Mild

Preputial Gland  
Skin  
Note: HYPERKERATOSIS TGLs = 1,2-14+15

Inflammation  
Hyperkeratosis  
Acute, Mild  
Moderate

Stomach  
Forestomach  
Glandular  
Glandular  
Forestomach

Hyperplasia  
Inflammation  
Mineralization  
Squamous Cell Papilloma  
Minimal  
Acute, Mild  
Mild  
Multiple

Testes  
Bilateral, Interstit Cell

Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30465

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 710

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30465

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: ADENOMA      TGLs = 7-11

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30466

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 667

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30466

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	Blood Vessel	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	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Inflammation	Acute, Chronic, Marked
	Rectum	Ulcer	Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Necrosis	Acute, Minimal
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-5.1		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30468

TRT#: 3

SEX: Male

DAY ON TEST: 676

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Blood Vessel	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	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Fibrous Osteodystrophy	Mild
Heart		Inflammation	Chronic, Minimal
		Mineralization	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-12		
Liver		Necrosis	Acute, Minimal
Nose	Nasolacrim Dct	Cyst	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic, Minimal
Prostate		Inflammation	Chronic, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30469

TRT#: 3

SEX: Male

DAY ON TEST: 606

DOSE: 5 MG/KG MALE

DISP: Dead

HISTO: 30469

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
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Bone Marrow		Congestion	Moderate
		Leukemia Mononuclear	
		Myelofibrosis	Marked
Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4,5-1+15.1+15.2		
Nose		Autolysis	Mild
Pancreas		Atrophy	Focal, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,7-12+15		
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30470

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 610

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30470

**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	Intestine Small - Jejunum
Lymph Node - Mesenteric	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Mammary Gland

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Brain			
Note: UNUSUAL TISSUE EMBEDDING PROCEDURE.			
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Congestion	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-11			
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-15			
Nose	Nasolacrimal Duct	Inflammation	Chronic, Mild
Pancreas		Atrophy	Focal, Minimal
Preputial Gland		Inflammation	Acute, Minimal
Skin	Subcut Tissue	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-15.1			
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30470

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 610

**DOSE:** 5 MG/KG MALE

**DISP:** Moribund

**HISTO:** 30470

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LEUKEMIA MONUC TGLs = 3-12

Stomach

Forestomach

Hyperplasia

Minimal

Testes

Interstit Cell

Adenoma

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30471

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30471

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	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-12		
Liver	Bile Duct	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Stomach	Forestomach	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-5.1		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30472

TRT#: 3

SEX: Male

DAY ON TEST: 692

DOSE: 5 MG/KG MALE

DISP: Moribund

HISTO: 30472

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	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Salivary Glands	Stomach - Forestomach	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Leukemia Mononuclear	
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: VACUOLIZ CYTO TGLs = 7-1.1			
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Inflammation	Acute, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 5-12			
Liver	Hepatocyte	Degeneration	Cystic, Mild
		Leukemia Mononuclear	
		Necrosis	Acute, Minimal
Note: DEGEN TGLs = 4-11			
Note: NECROSIS TGLs = 4-15.2			
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-15.3			
Nose	Mucosa	Inflammation	Chronic Active, Marked
Prostate		Inflammation	Acute, Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA TGLs = 2-15			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30472	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 692
	<b>DOSE:</b> 5 MG/KG MALE	<b>DISP:</b> Moribund	<b>HISTO:</b> 30472

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Spleen Note: LEUKEMIA MONUC TGLs = 1-12		Leukemia Mononuclear	
Stomach Note: NECROSIS TGLs = 6-15.1	Glandular	Necrosis	Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Thymus		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30233

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30233

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 2-18		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15+16		
Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Note: ANGIECTASIS	TGLs = 5-14		
Skeletal Muscle		Inflammation	Chronic, Mild
Note: INFLAMMATION	TGLs = 3-17		
Thyroid Gland	C Cell	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30234

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30234

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Urinary Bladder

Bone  
Heart  
Intestine Small - Duodenum  
Liver  
Nose  
Salivary Glands  
Stomach - Glandular  
Uterus

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lung  
Ovary  
Skin  
Thymus

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Trachea

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland  
Clitoral Gland  
Kidney  
Lymph Node  
Thyroid Gland

Cortex  
Duct  
Follicular, Mediastinal  
Follicular Cel

Hypertrophy  
Ectasia  
Nephropathy  
Carcinoma  
Carcinoma

Focal, Minimal  
Minimal  
Minimal  
Metastatic (Thyroid Gland)

Note: CARCINOMA TGLs = 3-15

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30235

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 621

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30235

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Mild
Note: HDN TGLs = 2-15			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15.1			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-1			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30237

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30237

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
Note: HDN TGLs = 3-16			
Note: BASOPH FOCUS TGLs = 4,5-18			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1,2-17+19			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-2			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30238

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 576

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30238

**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	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-15		
Nose	Nasolacrim Dct	Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30239

TRT#: 4

SEX: Female

DAY ON TEST: 655

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 30239

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	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4,5,6,7-15+15.1+15.2+15.3+1		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15.5		
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 9-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-12+15.6		
Thymus		Leukemia Mononuclear	
Tissue NOS		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30239

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 655

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30239

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LEUKEMIA MONUC TGLs = 8-15.4

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30240

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30240

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Clitoral Gland	Lymph Node - Mesenteric
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**OBSERVATIONS**

Blood Vessel	Mesent Artery	Inflammation	Chronic, Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Angiectasis	Minimal
Note: ANGIECTASIS TGLs = 2-16			
Lung		Hemorrhage	Minimal
Note: HEMORRHAGE TGLs = 5-5			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 8-14+15			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6,7-2			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30241

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Skin  
Thymus  
Uterus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

OBSERVATIONS

Heart  
Kidney  
Liver

Coron Artery

Inflammation  
Nephropathy  
Basophilic Focus  
Cytoplasmic Alteration  
Inflammation

Chronic, Mild  
Minimal  
Multiple  
Focal, Mild  
Granulomatous, Mild

Note: BASOPH FOCUS TGLs = 2-17  
Note: INFLAMMATION TGLs = 1-16  
Note: CYTOPLAS ALTER TGLs = 3-16

Lymph Node  
Pancreas  
Pituitary Gland  
Note: CYST TGLs = 5-2

Mesenteric  
Pars Distalis

Ectasia  
Atrophy  
Cyst

Minimal  
Focal, Minimal  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30243

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30243

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Clitoral Gland		Adenoma	
Eye	Lens	Degeneration	Marked
	Retina	Degeneration	Marked
	Sclera	Degeneration	Marked
Note: DEGEN	TGLs = 3-15		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Note: FIBROMA	TGLs = 1,2-17+19		
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 4-14		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30244

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 698

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30244

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Adrenal Gland	Bilateral, Medulla Cortex	Hyperplasia Vacuolization Cytoplasmic	Focal, Mild Focal, Minimal
Eye	Lens Retina	Cataract Degeneration	Moderate Moderate
Note: CATARACT      TGLs = 1-14			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY      TGLs = 6-6			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC      TGLs = 7-7			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC      TGLs = 8-4+5			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Mammary Gland	Duct	Ectasia Hyperplasia	Moderate Minimal
Nose	Mucosa	Cyst	Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
Note: CYST      TGLs = 9-2			
Skin	Lip	Squamous Cell Carcinoma	
Note: SQUAM CEL CARC      TGLs = 2-15			
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30244

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 698

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30244

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**ORGAN AND ACCOUNTABLE SITE STATUS**

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-7

Note: HEMA CL PR GRN TGLs = 3-17

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30245

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30245

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4+5		
Lymph Node	Mesenteric	Ectasia	Minimal
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-14		
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30246

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30246

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
Note: HDN      TGLs = 2-16			
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA      TGLs = 5-14			
Skin	Sebaceous GI	Adenoma	
Note: ADENOMA      TGLs = 1-17			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL      TGLs = 3-15			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30247

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30247

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**MISSING**

Adrenal Gland - Medulla	Parathyroid Gland
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**OBSERVATIONS**

Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7+21			
Lung		Inflammation	Chronic, Minimal
Note: INFLAMMATION TGLs = 7-5			
Mammary Gland		Adenocarcinoma	
		Cyst	Moderate
Note: CYST IS EPIDERMAL INCLUSION			
Note: CYST TGLs = 1-19			
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS TGLs = 5-16			
Ovary			
Note: ONE NORMAL; OTHER IS NOT OVARY			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS TGLs = 8-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-18			
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-11+15			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30247

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30247

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30248

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 643

**DOSE:** CONTROL FEMALE

**DISP:** Dead

**HISTO:** 30248

**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	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN	TGLs = 4-15.2		
Note: LEUKEMIA MONUC	TGLs = 5-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-4+15		
Pancreas		Atrophy	Focal, Mild
		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
Note: ADENOMA	TGLs = 7-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2-12+15.1		
Stomach	Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

**ANIMAL ID:** 30249

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30249

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Liver  
Pancreas  
Skin  
Thymus  
Uterus

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Thyroid Gland

**OBSERVATIONS**

Heart  
Kidney  
Lung  
    Note: INFLAMMATION   TGLs = 1,2-5  
Mammary Gland  
    Note: FIBROADENOMA   TGLs = 3,4-15+16

Inflammation  
Nephropathy  
Inflammation  
  
Fibroadenoma

Chronic, Minimal  
Minimal  
Chronic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30251

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30251

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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

**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 4-20		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1,2-16+17		
Pituitary Gland	Pars Distalis	Cyst	Moderate
Note: CYST	TGLs = 6-14		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30252

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30252

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	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, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN TGLs = 2-15 Note: CYTOPLAS ALTER TGLs = 1-14			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-2			
Spleen		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30254

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 666

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30254

**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	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Eye	Lens	Cataract	Mild
	Retina	Degeneration	Marked
Note: CATARACT	TGLs = 3-15.2		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Mild
Lung		Inflammation	Granulomatous, Mild
Note: INFLAMMATION	TGLs = 4-4+15.1		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30255

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30255

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Clitoral Gland	Lymph Node - Mesenteric
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**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2,3-7			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS TGLs = 5-14			
Spleen	Capsule	Fibrosis	Focal, Minimal
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 1-16			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30256

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Thymus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Minimal
Note: CYTOPLAS ALTER TGLs = 5-16			
Note: BASOPH FOCUS TGLs = 6,7-21+22			
Mammary Gland	Duct	Ectasia	Minimal
		Fibroadenoma	
		Galactocele	Mild
Note: FIBROADENOMA TGLs = 2-18			
Note: GALACTOCELE TGLs = 1-17			
Ovary	Periovarn Tiss	Cyst	
Note: CYST TGLs = 8-15			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 9,10-14			
Thymus			
Note: HAS NODES BUT NO THYMUS			
Tongue		Hemorrhage	Focal, Mild
Note: HEMORRHAGE TGLs = 3-20			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30256

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30256

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30257

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Mild
	Cortex	Hypertrophy	Focal, Mild
	Cortex	Vacuolization Cytoplasmic	Focal, Mild
Kidney		Nephropathy	Minimal
		Pigmentation	Moderate
Note: PIGMENT TGLs = 6-6			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Acute, Mild
Note: NECROSIS TGLs = 5-17			
Note: LEUKEMIA MONUC TGLs = 4-7			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4+5			
Mammary Gland		Galactocele	Moderate
Note: GALACTOCELE TGLs = 1-15			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
Note: HYPERPLASIA TGLs = 8-2			
Salivary Glands		Hemorrhage	Focal, Mild
Note: HEMORRHAGE TGLs = 9-14			
Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30257

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: LEUKEMIA MONUC TGLs = 2,3-7

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30259

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30259

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

**MISSING**

Lymph Node - Mesenteric	Thymus
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**OBSERVATIONS**

Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-6+14		
Liver		Basophilic Focus Inflammation	Multiple Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 1-16		
Lung		Congestion Infiltration Cellular	Minimal Histiocyte, Minimal
Note: CONGESTION	TGLs = 3,4-4		
Pituitary Gland		Pars Distalis	Adenoma
Note: ADENOMA	TGLs = 5-15		
Thyroid Gland		C Cell	Hyperplasia Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30260

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 531

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30260

**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	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
		Pigmentation	Mild
Note: NEPHROPATHY	TGLs = 5-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-11		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6,7,8-15+15.1+15.2		
Pituitary Gland	Pars Distalis	Cyst	Mild
Note: CYST	TGLs = 9-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach	Forestomach	Edema	Moderate
	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Mild
	Forestomach	Ulcer	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30261

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30261

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Blood Vessel	Aorta	Inflammation	Chronic, Mild
Bone Marrow		Myelofibrosis	Moderate
Note: MYELOFIBROSIS TGLs = 4-17			
Heart	Epicardium	Inflammation	Chronic, Mild
		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
Note: HDN TGLs = 2-16			
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-9+14			
Pancreas		Atrophy	Focal, Mild
Skeletal Muscle		Inflammation	Chronic, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30262

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Thymus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Pituitary Gland  
Stomach - Glandular  
Urinary Bladder

OBSERVATIONS

Heart  
Kidney  
Liver  
    Note: LEUKEMIA MONUC TGLs = 2-7+15  
Nose  
Pancreas  
Spleen  
    Note: LEUKEMIA MONUC TGLs = 1-16  
Uterus  
    Note: POLYP STROMAL TGLs = 3-14

Nasolacrim Dct  
  
  
  
  
  
Endometrium

Inflammation  
Nephropathy  
Leukemia Mononuclear  
  
Inflammation  
Atrophy  
Leukemia Mononuclear  
  
Polyp Stromal

Chronic, Minimal  
Minimal  
  
Acute, Minimal  
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

**ANIMAL ID:** 30263

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30263

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Uterus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Skin  
Thymus

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Ovary  
Spleen  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Stomach - Forestomach  
Urinary Bladder

**OBSERVATIONS**

Heart  
Kidney  
Liver

Inflammation  
Nephropathy  
Basophilic Focus  
Inflammation

Chronic, Minimal  
Mild  
Multiple  
Granulomatous, Moderate

Note: INFLAMMATION TGLs = 1-7+15

Pancreas  
Pituitary Gland  
Thyroid Gland

Pars Distalis  
Pars Distalis  
C Cell

Atrophy  
Angiectasis  
Hyperplasia  
Hyperplasia

Focal, Minimal  
Mild  
Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30264

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 657

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30264

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Kidney	Lung
Lymph Node - Mesenteric	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Bone Marrow		Myelofibrosis	Mild
Eye	Lens	Cataract	Mild
	Retina	Degeneration	Marked
		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 3-15.2		
Heart		Inflammation	Chronic, Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
Note: HDN	TGLs = 2-15.1		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Nose	Nasolacrim Dct	Inflammation	Acute, Mild
Ovary	Follicle	Cyst	Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30265

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 656

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30265

**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	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Heart	Endocardium	Fibrosis	Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Spleen		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30266

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 641

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30266

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-10		
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-15		
Pituitary Gland	Pars Distalis	Cyst	Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30267

TRT#: 4

SEX: Female

DAY ON TEST: 572

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 30267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Mammary Gland	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Autolysis	Mild
		Nephropathy	Minimal
Note: NEPHROPATHY TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4+15			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose		Autolysis	Minimal
Ovary		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Glandular	Necrosis	Minimal
Note: NECROSIS TGLs = 6-6			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30268

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 8,9-18+19		
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2,3-7+16+20		
Lung		Congestion	Minimal
		Inflammation	Granulomatous, Minimal
Note: CONGESTION	TGLs = 6-4		
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-17		
Note: MCL IN HEPATIC NODE			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-14		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-15		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30271

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30271

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
		Pigmentation	Moderate
Note: PIGMENT	TGLs = 2-6		
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: INFLAMMATION	TGLs = 1-16		
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-14		
Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Hyperplasia	Cystic, Moderate
	Endometrium	Polyp Stromal	
Note: HYPERPLASIA	TGLs = 3-11		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30272

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30272

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	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	Accessory Adrenal Cortical Nodule	Minimal
Clitoral Gland		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Mild
Note: INFLAMMATION TGLs = 2-17 Note: HDN TGLs = 3-18			
Lung		Congestion	Mild
Note: CONGESTION TGLs = 4-5			
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-15			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA TGLs = 5,6-14			
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30273

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	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	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Cyst	Mild
	Medulla	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Vacuolization Cytoplasmic	Focal, Moderate
Note: VACUOLIZ CYTO TGLs = 1-15			
Ovary	Bilateral, Periovarn Tiss	Cyst	
Note: CYST TGLs = 2-14			
Pituitary Gland	Pars Distalis	Cyst	Minimal
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30274

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Bone		Osteopetrosis	Minimal
Note: OSTEOPETROSIS TGLs = 4-15			
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2,3-14			

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30275	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 732
	<b>DOSE:</b> CONTROL FEMALE	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 30275

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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 - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

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**OBSERVATIONS**

Clitoral Gland	Duct	Ectasia	Moderate
Note: ECTASIA	TGLs = 2-16		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-14		
Thyroid Gland	C Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30276

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 573

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30276

**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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**MISSING**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Lymph Node
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**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Minimal
Note: ADENOCARC	TGLs = 1-15.1		
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ ADENOMA ]	TGLs = 4-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Mild
	Glandular	Necrosis	Minimal
Note: NECROSIS	TGLs = 7-15		
Note: HYPERPLASIA	TGLs = 6-15.2		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 659

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30280

**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	Nose	Parathyroid Gland	Salivary Glands
Skin	Trachea		

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 4-12		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-11		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-4		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10,11-15.5+15.4		
Mammary Gland		Hyperplasia	Mild
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-6.1		
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-1		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12+15.2		
Stomach	Forestomach	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 659

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30280

**ORGAN AND ACCOUNTABLE SITE STATUS**

Forestomach

Leukemia Mononuclear

Glandular

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 12,13-6+15+15.1

Thymus

Congestion

Moderate

Note: CONGESTION TGLs = 6-3

Thyroid Gland

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 7-2

Urinary Bladder

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 14-5

Uterus

Endometrium

Cyst

Marked

Note: CYST TGLs = 5-15.3

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30281

TRT#: 4

SEX: Female

DAY ON TEST: 614

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO: 30281

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	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ANGIECTASIS TGLs = 4-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Hyperplasia	Minimal
	Glandular	Necrosis	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-15			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30282

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30282

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Salivary Glands  
Thymus  
Uterus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Pancreas  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Stomach - Glandular  
Urinary Bladder

**OBSERVATIONS**

Heart  
Kidney  
Liver

Inflammation  
Nephropathy  
Basophilic Focus  
Leukemia Mononuclear

Chronic, Minimal  
Mild  
Multiple

Note: BASOPH FOCUS TGLs = 2-16

Mammary Gland

Note: ADENOCARC TGLs = 1-15

Pituitary Gland

Pars Distalis

Note: ADENOMA TGLs = 4-14

Spleen

Adenocarcinoma

Adenoma

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Bone		Osteopetrosis	Moderate
Note: OSTEOPETROSIS	TGLs = 3-14		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 1-16+17		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 2-5		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
Note: ADENOMA	TGLs = 4-15		
Note: CYST	TGLs = 5-15		
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 590

**DOSE:** CONTROL FEMALE

**DISP:** Moribund

**HISTO:** 30284

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Nose

**OBSERVATIONS**

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30285

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30285

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 1-7+15+16		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 2-5		
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Ectasia	Mild
Note: ADENOMA	TGLs = 3-14		
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30286

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30286

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Liver	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	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 1-15			
Mammary Gland	Duct	Ectasia	Minimal
Note: FIBROADENOMA TGLs = 4-16		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-14			
Thyroid Gland	C Cell	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30287

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	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	Hyperplasia	Focal, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 1-15		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 2-4+5		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 3-14		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30288

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-16		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,4,5-4+5		
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-14		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-15		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

**ANIMAL ID:** 30289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30289

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Skin  
Thymus  
Uterus

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Lung  
Ovary  
Spleen  
Thyroid Gland

**OBSERVATIONS**

Kidney  
Liver

Nephropathy  
Basophilic Focus  
Inflammation  
Atrophy  
Adenoma

Minimal  
Multiple  
Granulomatous, Minimal  
Focal, Minimal

Pancreas  
Pituitary Gland

Pars Distalis

Note: ADENOMA TGLs = 3,4+15

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30290

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO: 30290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	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, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Mild
		Vacuolization Cytoplasmic	Focal, Mild
Note: VACUOLIZ CYTO TGLs = 1-14			
Lymph Node	Mesenteric	Hyperplasia	Plasma Cell, Minimal
	Mesenteric	Inflammation	Minimal
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30291

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Esophagus  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Nose  
Skin  
Thymus

Bone  
Intestine Large - Colon  
Islets, Pancreatic  
Ovary  
Spleen  
Thyroid Gland

Brain  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

**MISSING**

Lymph Node - Mesenteric

**OBSERVATIONS**

Bone Marrow  
Clitoral Gland  
    Note: CARCINOMA      TGLs = 1-14+16  
Heart  
Intestine Large  
Kidney  
Liver  
  
Pancreas  
Pituitary Gland  
Uterus

Rectum  
  
  
  
  
Pars Distalis  
Endometrium

Myelofibrosis  
Carcinoma  
  
Inflammation  
Parasite Metazoan  
Nephropathy  
Basophilic Focus  
Inflammation  
Atrophy  
Cyst  
Hyperplasia

Minimal  
  
Chronic, Minimal  
  
Mild  
Multiple  
Granulomatous, Minimal  
Focal, Minimal  
Mild  
Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30292

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** CONTROL FEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30292

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

**MISSING**

Lymph Node - Mesenteric

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 1-15+18		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 3-14		
Mammary Gland	Duct	Ectasia	Mild
Mesentery	Fat	Necrosis	Focal, Moderate
Note: NECROSIS	TGLs = 2-17		
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 4-16		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30353

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30353

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 1,2-7+14		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 5-15		
Nose	Mucosa	Inflammation	Chronic Active, Mild
Ovary		Arrhenoblastoma Nos	
		Luteoma	
Note: ARRHENOBLA NOS	TGLs = 4-11		
Note: [ LUTEOMA ]	TGLs = 4-11		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Note: ANGIECTASIS	TGLs = 7-2		
Uterus	Endometrium	Cyst	Moderate
		Dilatation	Mild
Note: CYST	TGLs = 3-11		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30353

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30353

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30354

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30354

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS TGLs = 1-7+14			
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 4-5			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-2			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hemorrhage	Minimal
		Hyperplasia	Cystic, Moderate
Note: HEMORRHAGE TGLs = 2-15			
Note: MASS IS A BLOOD CLOT			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30355

TRT#: 5

SEX: Female

DAY ON TEST: 717

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain		Hydrocephalus	Mild
Heart		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
	Atrium Lft	Thrombosis	Mild
Kidney		Nephropathy	Mild
Liver	Hepatocyte	Hyperplasia	Moderate
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
Note: SCHWANNOMA MAL TGLs = 1-7+17			
Lung		Ectopic Tissue	
Note: ECTOPIC TISSUE IS AN INTERESTING ARTIFACT			
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-14			
Skin		Fibrosarcoma	
Stomach	Glandular	Necrosis	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 2-15			
Note: POLYP IS QUITE VASCULAR			

PRIMARY CAUSE OF DEATH -

Animal Note: UNUSUAL AND CONFUSING CASE

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30356

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: 2.5MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Osteopetrosis	Mild
Note: OSTEOPETROSIS TGLs = 5-17			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: INFLAMMATION TGLs = 1,2-7+14			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6-2			
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-14			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:23:59

**First Dose M/F:** NA / NA

**Lab:** IRDC

**ANIMAL ID:** 30362

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30362

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Thymus  
Uterus

Bone  
Esophagus  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Karyomegaly	Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 1-7+15		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 2-4+5		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-2		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30363

TRT#: 5

SEX: Female

DAY ON TEST: 734

DOSE: 2.5MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Mesenteric

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Acute, Moderate
Note: INFLAMMATION	TGLs = 3-9+9.1		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hematopoietic Cell Proliferation	Minimal
Note: BASOPH FOCUS	TGLs = 2-7+16		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 4-17		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-14		
Pituitary Gland	Pars Distalis	Cyst	Mild
Uterus	Endometrium	Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30364

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 614

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30364

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Moderate
Kidney	Renal Tubule	Hyperplasia	Oncocytic, Mild
		Nephropathy	Minimal
		Pigmentation	Mild
Note: [ NEPHROPATHY ] TGLs = 4-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Mild
Nose	Respirat Epith	Degeneration	Mild
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Moderate
Note: CYST TGLs = 3-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Hyperplasia	Minimal
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30365

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30365

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Renal Tubule	Hypertrophy	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: INFLAMMATION	TGLs = 1-7		
Lung		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 4-14		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Moderate
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2,3-16		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30366

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30366

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Mild
Note: HDN	TGLs = 1-17		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-16		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 4-14		
Uterus		Leiomyosarcoma	
Note: LEIOMYOSAR	TGLs = 2-11+19		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30367

TRT#: 5

SEX: Female

DAY ON TEST: 595

DOSE: 2.5MG/KGFEMALE

DISP: Dead

HISTO: 30367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Brain  
Intestine Large - Colon  
Lymph Node - Mesenteric  
Salivary Glands  
Stomach - Glandular  
Uterus

Blood Vessel  
Clitoral Gland  
Islets, Pancreatic  
Mammary Gland  
Skin  
Thymus

Bone  
Esophagus  
Kidney  
Parathyroid Gland  
Spleen  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Liver  
Pituitary Gland  
Stomach - Forestomach  
Urinary Bladder

MISSING

Intestine Large - Rectum

INSUFFICIENT TISSUE

Thyroid Gland

OBSERVATIONS

Adrenal Gland  
Heart  
Intestine Small  
  
Lung  
Note: CONGESTION TGLs = 1-4  
Nose  
  
Ovary  
Pancreas

Cortex  
  
Duodenum  
Ileum  
Jejunum  
  
Mucosa  
Respirat Epith

Hypertrophy  
Inflammation  
Autolysis  
Autolysis  
Autolysis  
Congestion  
  
Fungus  
Inflammation  
Metaplasia  
Hemorrhage  
Autolysis

Focal, Minimal  
Chronic, Minimal  
Moderate  
Marked  
Marked  
Mild  
  
Chronic Active, Marked  
Squamous, Marked  
Mild  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30369

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 2.5MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Neoplastic Nodule	
Note: BASOPH FOCUS	TGLs = 3-7+17		
Note: NEOPLASTIC NOD	TGLs = 2-16		
Mammary Gland	Duct	Ectasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Note: ADENOMA	TGLs = 6-14		
Stomach	Glandular	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30370

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30370

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Acute, Mild
Note: INFLAMMATION TGLs = 1-9.1			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: [ HYPERPLASIA ] TGLs = 3,5-5			
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-14			
Thyroid Gland	Follicular Cel	Adenoma	
Note: ADENOMA TGLs = 2-2			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:23:59  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30371

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30371

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Moderate
	Cortex	Hyperplasia	Focal, Minimal
Brain		Astrocytoma Nos	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Moderate
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-15		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-14		
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 2-2		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:23:59

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30372

TRT#: 5

SEX: Female

DAY ON TEST: 601

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30372

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	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland	Duct	Ectasia	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Mammary Gland		Galactocele	Moderate
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30373

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30373

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
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	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Brain	White Matter	Vacuolization Cytoplasmic	Mild
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 3-15		
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Ectasia	Mild
	Pars Distalis	Hyperplasia	Minimal
Note: ECTASIA	TGLs = 4-14		
Spleen		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Carcinoma	
Note: CARCINOMA	TGLs = 2-2		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 1-17		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30375

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30375

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
		Inflammation	Granulomatous, Mild
Note: CYTOPLAS ALTER TGLs = 1-7			
Note: BASOPH FOCUS TGLs = 2-7			
Lung	Alveolar Epith	Hyperplasia	Minimal
Note: HYPERPLASIA TGLs = 4-14			
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ADENOMA TGLs = 5-2			
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 6-17			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30376

TRT#: 5

SEX: Female

DAY ON TEST: 609

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30376

**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	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Clitoral Gland	Mammary Gland	Thymus
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**OBSERVATIONS**

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Focal, Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Skin	Subcut Tiss	Fibroma	

Note: FIBROMA TGLs = 1-15+16

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30377

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30377

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Marked
		Hemorrhage	Moderate
Note: HEMORRHAGE	TGLs = 4-17		
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 1-14		
Pituitary Gland	Pars Distalis	Cyst	Minimal
Uterus	Endometrium	Cyst	Mild
Note: CYST	TGLs = 2-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30378

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 582

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30378

**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	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Adrenal Gland	Cortex	Congestion	Moderate
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Congestion	Mild
		Hepatodiaphragmatic Nodule	
		Congestion	Mild

Note: HDN TGLs = 1-15

Lung

Note: CONGESTION TGLs = 2-4

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30379

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30379

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Nose	Ovary	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Karyomegaly	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 2-17		
Mammary Gland	Duct	Ectasia	Mild
		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-19		
Pancreas		Atrophy	Focal, Mild
Parathyroid Gland		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-14		
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-18		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30380

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 571

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30380

**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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Brain		Glioma Benign	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Congestion	Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-1		
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30381

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 2.5MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30381

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Ovary  
Skin  
Thymus  
Uterus

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node  
Parathyroid Gland  
Spleen  
Thyroid Gland

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Trachea

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
Liver

Cortex

Hyperplasia  
Inflammation  
Nephropathy  
Basophilic Focus  
Hepatodiaphragmatic Nodule  
Inflammation  
Vacuolization Cytoplasmic

Focal, Mild  
Chronic, Minimal  
Minimal  
Multiple  
Granulomatous, Mild  
Focal, Mild

Note: HDN TGLs = 1-14

Note: VACUOLIZ CYTO TGLs = 2-7+14

Pancreas

Atrophy

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30382

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30382

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

**MISSING**

Intestine Large - Rectum

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Hyperplasia	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Karyomegaly	Minimal
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 1-7+15		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ANGIECTASIS	TGLs = 5-14		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-16		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30383

TRT#: 5

SEX: Female

DAY ON TEST: 523

DOSE: 2.5MG/KGFEMALE

DISP: Dead

HISTO: 30383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Blood Vessel  
Clitoral Gland  
Intestine Large - Colon  
Islets, Pancreatic  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Esophagus  
Intestine Large - Rectum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Mammary Gland  
Parathyroid Gland  
Spleen  
Thyroid Gland

OBSERVATIONS

Adrenal Gland  
Intestine Small  
Kidney  
Liver  
Lung  
Note: CONGESTION TGLs = 1-4  
Uterus

Cortex  
Jejunum

Congestion  
Autolysis  
Congestion  
Basophilic Focus  
Congestion  
Polyp Stromal

Mild  
Moderate  
Mild  
Multiple  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30384

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30384

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Islets, Pancreatic  
Nose  
Salivary Glands  
Thymus  
Uterus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Small - Duodenum  
Lung  
Ovary  
Skin  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Ileum  
Lymph Node  
Pancreas  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Jejunum  
Mammary Gland  
Parathyroid Gland  
Stomach - Glandular  
Urinary Bladder

**MISSING**

Intestine Large - Rectum

**OBSERVATIONS**

Heart  
Kidney  
Liver

Inflammation  
Nephropathy  
Basophilic Focus  
Inflammation  
Leukemia Mononuclear

Chronic, Minimal  
Minimal  
Multiple  
Granulomatous, Minimal

Note: BASOPH FOCUS TGLs = 1-7

Pituitary Gland

Pars Distalis  
Pars Distalis

Adenoma  
Angiectasis

Mild

Note: ADENOMA TGLs = 2-14

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30386

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 647

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30386

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	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	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Kidney		Degeneration	Hyaline, Mild
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30387

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30387

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Clitoral Gland	Duct	Ectasia	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Moderate
		Inflammation	Granulomatous, Minimal
Note: CYTOPLAS ALTER TGLs = 1-15			
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 2-4+5			
Mammary Gland		Galactocele	Moderate
Note: GALACTOCELE TGLs = 4-16			
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-14			
Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30388

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 687

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30388

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Blood Vessel	Bone	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Ovary	Parathyroid Gland	Trachea
Uterus			

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Adenoma	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Demyelination	Focal, Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Cecum	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Note: LEUKEMIA MONUC TGLs = 5-12			
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN TGLs = 3-15.1			
Note: LEUKEMIA MONUC TGLs = 4-11+15.1			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS TGLs = 6-15.2			
Nose	Mucosa	Mineralization	Focal, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30388	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 687
	<b>DOSE:</b> 2.5MG/KGFEMALE	<b>DISP:</b> Moribund	<b>HISTO:</b> 30388

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Salivary Glands		Leukemia Mononuclear	
Skin		Fibrosarcoma	
		Leukemia Mononuclear	
Note: FIBROSARC	TGLs = 1-15		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-12		
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-6+15.3		
Thymus		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	

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PRIMARY CAUSE OF DEATH -

---

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30389

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 84

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30389

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Blood Vessel  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Pancreas  
Skin  
Thymus  
Uterus

Bone  
Esophagus  
Intestine Small - Duodenum  
Mammary Gland  
Parathyroid Gland  
Spleen  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Trachea

**OBSERVATIONS**

Adrenal Gland  
Heart  
Kidney  
  
Liver  
Lung

Cortex

Congestion  
Inflammation  
Congestion  
Mineralization  
Congestion  
Congestion  
Hemorrhage

Mild  
Chronic, Minimal  
Mild  
Minimal  
Mild  
Mild  
Mild

Note: HEMORRHAGE TGLs = 1-4

Lymph Node

Mesenteric

Leukemia Mononuclear

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30390

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30390

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone Marrow		Myelofibrosis	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 2-7+15		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 4-14		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-16		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30391

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30391

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Moderate
Note: CATARACT	TGLs = 4-16		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 1-7+14		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4+5		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30392

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30392

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 1-7		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4+5		
Ovary	Follicle	Cyst	Mild
Note: CYST	TGLs = 5-17		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
Note: ADENOMA	TGLs = 7-14		
Note: CYST	TGLs = 6-14		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 4-18		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30393

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 656

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30393

**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	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder	Uterus	

**OBSERVATIONS**

Brain			
Note: MALACIA,MILD,FOCAL,TDMS WILL NOT ACCEPT			
Note: BRAIN HAS YIELDED TO LARGE PITUITARY TUMOR			
Heart		Inflammation	Chronic, Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Angiectasis	Minimal
		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Trachea		Inflammation	Granulomatous, Marked
Note: THE INFLAMMATION IS PERITRACHIAL			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30394

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 708

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30394

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Leukemia Mononuclear	
	Cortex	Necrosis	Focal, Minimal
Brain		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-1+16			
Clitoral Gland		Adenoma	
Note: ADENOMA TGLs = 1-15			
Note: ONE PORTION RESEMBLES KARATOACANTHOMA			
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 6-6			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-7			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland	Duct	Ectasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7			
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:24:00

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30394

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 708

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30394

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30395

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30395

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Karyomegaly	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Mild
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 1-15		
Note: CYTOPLAS ALTER	TGLs = 2-15		
Lung		Congestion	Minimal
	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
Note: CONGESTION	TGLs = 5-4		
Ovary	Follicle	Cyst	
Note: CYST	TGLs = 4-16		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Cyst	Mild
Note: CYST	TGLs = 6,7-14		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-18		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30397

TRT#: 5

SEX: Female

DAY ON TEST: 437

DOSE: 2.5MG/KGFEMALE

DISP: Dead

HISTO: 30397

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	Liver
Lymph Node - Mesenteric	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Congestion	Marked
Kidney		Congestion	Minimal
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
Stomach	Glandular	Autolysis	Mild
Note: AUTOLYSIS	TGLs = 4-6		
Urinary Bladder	Transit Epithe	Hyperplasia	Marked
Note: HYPERPLASIA	TGLs = 2,3-5		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30398

TRT#: 5

SEX: Female

DAY ON TEST: 277

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30398

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
Lung	Lymph Node	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Liver		Degeneration	Fatty, Mild
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30399

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Brain		Hemorrhage	Mild
Heart		Inflammation	Chronic, Minimal
Note: THROMBUS TGLs = 3-16	Atrium Lft	Thrombosis	Moderate
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-7+17			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6-4+5			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mandibular	Leukemia Mononuclear	
Note: HEMORRHAGE TGLs = 4-15			
Mammary Gland	Duct	Ectasia	Mild
		Hyperplasia	Mild
		Inflammation	Acute, Mild
Note: ECTASIA TGLs = 1-19			
Ovary	Follicle	Cyst	Minimal
Note: CYST TGLs = 8-18			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 10-14			
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:24:00

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30399

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 731

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30399

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Forestomach

Inflammation

Acute, Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30400

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 552

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30400

**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	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Mild
Lymph Node	Mandibular	Hyperplasia	Plasma Cell, Mild
Note: HYPERPLASIA TGLs = 1-15			
Nose	Nasolacrim Dct	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Intermed	Hyperplasia	Mild
Tooth		Inflammation	Acute, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30401

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30401

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Liver		Inflammation	Granulomatous, Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 2-4		
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-14		
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 1-2		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30403	<b>TRT#:</b> 5	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 684
	<b>DOSE:</b> 2.5MG/KGFEMALE	<b>DISP:</b> Dead	<b>HISTO:</b> 30403

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Uterus

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**INSUFFICIENT TISSUE**

Urinary Bladder

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**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Moderate
Bone Marrow		Hypoplasia	Minimal
Clitoral Gland		Adenoma	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
Thyroid Gland	C Cell	Carcinoma	

Note: CARCINOMA TGLs = 1-2

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30404

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 285

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30404

**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	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**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Kidney		Nephropathy	Minimal
Liver		Vacuolization Cytoplasmic	Focal, Minimal
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 6-4		
Nose	Mucosa	Inflammation	Acute, Minimal
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hypertrophy	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30405

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 2.5MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Skin  
Thymus  
Uterus

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lymph Node  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

OBSERVATIONS

Heart  
Kidney  
    Note: NEPHROPATHY   TGLs = 2-6+6.1  
Liver  
  
    Note: BASOPH FOCUS   TGLs = 1-7+15  
Lung  
    Note: HYPERPLASIA    TGLs = 4-5  
Mesentery  
    Note: NECROSIS       TGLs = 3-16  
Pancreas  
Pituitary Gland  
    Note: ADENOMA        TGLs = 5-14

Alveolar Epith  
Fat  
  
  
  
  
Pars Distalis

Inflammation  
Nephropathy  
  
Basophilic Focus  
Inflammation  
Vacuolization Cytoplasmic  
  
Hyperplasia  
  
Necrosis  
  
Atrophy  
Adenoma

Chronic, Mild  
Moderate  
  
Multiple  
Granulomatous, Minimal  
Focal, Mild  
  
Mild  
  
Focal, Mild  
  
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30406

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 717

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30406

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Degeneration	Fatty, Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Moderate
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 3-6		
Liver		Cytoplasmic Alteration	Focal, Minimal
		Necrosis	Acute, Minimal
Note: NECROSIS	TGLs = 1-7+14		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 2-4+5		
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	Moderate
Note: CYST	TGLs = 5-2		
Thyroid Gland	Follicle	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30407

TRT#: 5

SEX: Female

DAY ON TEST: 565

DOSE: 2.5MG/KGFEMALE

DISP: Moribund

HISTO: 30407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

Adrenal Gland - Medulla  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Thymus  
Uterus

Blood Vessel  
Heart  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Thyroid Gland

Bone  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

OBSERVATIONS

Adrenal GI  
Note: NORMAL VARIATION

Brain  
Clitoral Gland  
Kidney  
Liver

Bile Duct

Lung  
Pituitary Gland

Pars Distalis

Ependymoma Benign  
Inflammation  
Nephropathy  
Congestion  
Hyperplasia  
Inflammation  
Congestion  
Cyst

Chronic, Minimal  
Minimal  
Mild  
Minimal  
Chronic, Minimal  
Mild  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30408

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30408

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-7+15			
Lung		Inflammation	Focal, Mild
Note: INFLAMMATION TGLs = 4-4+15			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-16			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-14			
Spleen		Leukemia Mononuclear	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30409

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 629

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30409

**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	Liver	Lymph Node - Mesenteric	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Clitoral Gland		Inflammation	Chronic, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-15		
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30410

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30410

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS TGLs = 1-7+15			
Ovary		Granulosa Cell Tumor Benign	
Note: GRANLSA TM BGN TGLs = 2-16			
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 6,7-14			
Uterus		Inflammation	Acute, Minimal

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30412

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 2.5MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30412

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Nose	Ovary	Parathyroid Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Mild
Bone		Inflammation	Acute, Mild
Eye	Lens	Cataract	Mild
Note: CATARACT	TGLs = 4-15		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Mild
Note: BASOPH FOCUS	TGLs = 3-7+16		
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
Note: ANGIECTASIS	TGLs = 5-14		
Skin		Inflammation	Acute, Mild
		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 2-18		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30473

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30473

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

**INSUFFICIENT TISSUE**

Adrenal Gland - Medulla

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-6		
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-17		
Lymph Node	Mesenteric	Leukemia Mononuclear	
Ovary	Follicle	Cyst	Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 6-14		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Mild
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA	TGLs = 3-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30474

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 5.0MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Thymus

Bone  
Esophagus  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Ureter

OBSERVATIONS

Heart  
Kidney  
Liver

Inflammation  
Nephropathy  
Basophilic Focus  
Inflammation  
Vacuolization Cytoplasmic

Chronic, Minimal  
Minimal  
Multiple  
Granulomatous, Mild  
Focal, Moderate

Note: VACUOLIZ CYTO TGLs = 1-14  
Lung

Congestion  
Infiltration Cellular

Minimal  
Lymphocyte, Minimal

Perivascular

Note: INFLAMMATION TGLs = 3-5  
Note: CONGESTION TGLs = 4-4

Pancreas  
Thyroid Gland  
Uterus

Cytoplasmic Alteration  
Cyst  
Polyp Stromal

Focal, Mild  
Minimal

Follicle  
Endometrium

Note: POLYP STROMAL TGLs = 2-15

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30475	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 42
	<b>DOSE:</b> 5.0MG/KGFEMALE	<b>DISP:</b> Dead	<b>HISTO:</b> 30475

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
Islets, Pancreatic	Kidney	Liver	Lymph Node - Mesenteric
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**OBSERVATIONS**

Intestine Small	Duodenum	Autolysis	Marked
	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Lung		Congestion	Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30476

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30476

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Parathyroid Gland  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Nose  
Salivary Glands  
Thymus  
Uterus

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Ovary  
Skin  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Trachea

**OBSERVATIONS**

Heart  
Kidney  
  
Liver

Renal Tubule

Inflammation  
Hyperplasia  
Nephropathy  
Basophilic Focus  
Clear Cell Focus  
Inflammation  
Mixed Cell Focus  
Cyst

Chronic, Minimal  
Minimal  
Minimal  
Multiple  
  
Granulomatous, Mild  
  
Mild

Pituitary Gland  
Note: CYST TGLs = 2-14

Pars Distalis

Stomach  
Note: PAPILLOMA SQUA TGLs = 3-15

Forestomach

Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30478

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30478

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hemorrhage	Mild
		Inflammation	Granulomatous, Mild
Note: HEMORRHAGE TGLs = 1-14			
Lung		Congestion	Minimal
Note: CONGESTION TGLs = 2-5			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Note: ADENOMA TGLs = 3-15			
Uterus	Endometrium	Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30479

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 665

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30479

**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	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	Uterus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	Multiple
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-1		
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal
Trachea		Inflammation	Acute, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30480	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 700
	<b>DOSE:</b> 5.0MG/KGFEMALE	<b>DISP:</b> Dead	<b>HISTO:</b> 30480

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Adrenal Gland - Cortex	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	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**MISSING**

Clitoral Gland	Lymph Node
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**OBSERVATIONS**

Adrenal Gland	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Cyst	Mild
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 6-6		
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-7+17		
Lung		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-14		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2,3-7+15+16		
Stomach	Forestomach	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30481

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30481

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
		Pigmentation	Mild
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Mild
		Vacuolization Cytoplasmic	Focal, Mild
Note: VACUOLIZ CYTO	TGLs = 1,2,6-4+15+17		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 4-5		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-14		
Uterus	Endometrium	Cyst	Minimal
Note: CYST	TGLs = 3-16		

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30482

TRT#: 6

SEX: Female

DAY ON TEST: 629

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30482

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
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Parathyroid Gland	Salivary Glands	Thyroid Gland	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Heart		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Intestine Large	Rectum	Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Kidney		Histiocytic Sarcoma	
Liver		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Lung		Histiocytic Sarcoma	
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-1		
Skin	Subcut Tiss	Histiocytic Sarcoma	
Spleen	Capsule	Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Stomach	Forestomach	Hyperplasia	Mild
	Glandular	Necrosis	Minimal
Note: HYPERPLASIA	TGLs = 5-6+15		
Thymus		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Trachea		Fibrous Histiocytoma	Metastatic (Uncertain Primary Site)
Urinary Bladder		Hemorrhage	Mild
Note: HEMORRHAGE	TGLs = 2-5		

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30483

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30483

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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
Mammary Gland	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-14		
Eye	Lens	Cataract	Moderate
	Retina	Degeneration	Marked
Note: DEGEN	TGLs = 4-18		
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: INFLAMMATION	TGLs = 2-7+15		
Pancreas		Atrophy	Focal, Mild
Pituitary Gland	Pars Distalis	Hypertrophy	Mild
Note: HYPERTROPHY	TGLs = 5-19		
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 3-16		

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30484

TRT#: 6

SEX: Female

DAY ON TEST: 313

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Bone Marrow  
Intestine Large - Colon  
Liver  
Pancreas  
Spleen  
Thyroid Gland

Adrenal Gland - Medulla  
Brain  
Intestine Large - Rectum  
Lymph Node - Mesenteric  
Pituitary Gland  
Stomach - Forestomach  
Trachea

Blood Vessel  
Esophagus  
Islets, Pancreatic  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone  
Intestine Large - Cecum  
Kidney  
Ovary  
Skin  
Thymus  
Uterus

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Clitoral Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Small	Duodenum	Autolysis	Moderate
	Ileum	Autolysis	Marked
	Jejunum	Autolysis	Marked
Lung		Congestion	Mild
		Inflammation	Chronic, Minimal
Note: CONGESTION	TGLs = 1-4		
Note: INFLAMMATION	TGLs = 2-4		
Nose		Autolysis	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30485

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 5.0MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Adrenal Gland - Medulla  
Esophagus  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Skin  
Thymus  
Uterus

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Spleen  
Thyroid Gland

OBSERVATIONS

Bone  
Note: OSTEOPETROSIS TGLs = 4-12  
Heart  
Kidney  
Liver  
Note: ANGIECTASIS TGLs = 2-16  
Note: BASOPH FOCUS TGLs = 1-16  
Lung  
Note: CONGESTION TGLs = 3-5  
Mammary Gland  
Pancreas  
Pituitary Gland  
Note: ADENOMA TGLs = 5-15

Alveolus  
Duct  
Pars Distalis

Osteopetrosis  
Inflammation  
Nephropathy  
Angiectasis  
Basophilic Focus  
Congestion  
Infiltration Cellular  
Ectasia  
Atrophy  
Adenoma

Mild  
Chronic, Minimal  
Mild  
Minimal  
Multiple  
Minimal  
Histiocyte, Minimal  
Minimal  
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30486

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30486

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
Bone		Osteopetrosis	Minimal
Note: OSTEOPETROSIS TGLs = 7-14			
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Hyperplasia	Lymphoid, Mild
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS TGLs = 1-15			
Lung		Congestion	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: CONGESTION TGLs = 4-5			
Note: INFILTRAT CELL TGLs = 5-5			
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 6-17			
Uterus	Endometrium	Cyst	Mild
Note: CYST TGLs = 3-16			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30487

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30487

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Lung	Lymph Node - Mesenteric	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain		Inflammation	Chronic, Focal, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Cytoplasmic Alteration	Focal, Moderate
		Inflammation	Granulomatous, Mild
Note: INFLAMMATION TGLs = 1-7			
Note: CYTOPLAS ALTER TGLs = 2-14			
Mammary Gland	Duct	Ectasia	Minimal
		Galactocele	Moderate
Note: GALACTOCELE TGLs = 3-15			
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Inflammation	Acute, Minimal
	Forestomach	Ulcer	Mild
Note: ULCER TGLs = 6-19			
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 4-17			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30488

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30488

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

**MISSING**

Parathyroid Gland	Thyroid Gland
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**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Clitoral Gland	Duct	Ectasia	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 1-7+14		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 4-5		
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Cyst	Mild
Uterus	Cervix	Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
Note: CYST	TGLs = 3-16		
Note: POLYP STROMAL	TGLs = 2-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30489

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30489

**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	Lymph Node - Mesenteric
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Brain		Hydrocephalus	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN	TGLs = 2-14		
Note: LEUKEMIA MONUC	TGLs = 1-7		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4+5		
Mammary Gland		Adenocarcinoma	
	Duct	Ectasia	Mild
Note: ECTASIA	TGLs = 6-17+18		
Note: ADENOCARC	TGLs = 5-16		
Nose		Foreign Body	Minimal
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-15		
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30489

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30489

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30491

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30491

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	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
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Medulla	Hyperplasia	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-6+14			
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Focal, Moderate
Note: VACUOLIZ CYTO TGLs = 1-14			
Nose	Mucosa	Inflammation	Acute, Minimal
Spleen		Leukemia Mononuclear	
Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Polyp Stromal	
Note: POLYP STROMAL TGLs = 3-16			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30492

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30492

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
		Leukemia Monocytic	
Note: BASOPH FOCUS	TGLs = 2,3-7+14		
Note: HDN	TGLs = 4-14		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 1-4+5		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 6-16		
Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
	Mucosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Minimal
Uterus		Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
Note: UTERINE CYST IS AN INCLUSION CYST			
Note: CYST	TGLs = 5-15		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30492

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30492

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30493

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30493

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Mesenteric	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 1-7+18		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4+5		
Mammary Gland		Adenocarcinoma	
		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-14		
Stomach	Forestomach	Hyperplasia	Minimal
Thyroid Gland	Follicle	Cyst	Minimal
Uterus	Endometrium	Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-15		

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30495

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30495

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Uterus		

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Hypertrophy	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
Note: CLEAR CL FOCUS TGLs = 1-14			
Note: HDN TGLs = 2-14			
Lung	Alveolar Epith	Hyperplasia	Mild
Note: HYPERPLASIA TGLs = 4-5+15			
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Hypertrophy	Mild
Note: HYPERPLASIA TGLs = 5-16			
Salivary Glands		Cytoplasmic Alteration	Focal, Mild

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30496

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30496

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Salivary Glands  
Stomach - Glandular

Bone  
Esophagus  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thymus

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Parathyroid Gland  
Spleen  
Trachea

**OBSERVATIONS**

Heart  
Kidney  
Liver  
  
Note: HDN TGLs = 2-14  
Note: BASOPH FOCUS TGLs = 1-7+14  
Lung  
Note: HYPERPLASIA TGLs = 5-5  
Thyroid Gland  
Uterus  
Note: LEIOMYOSAR TGLs = 4-15

Inflammation  
Nephropathy  
Basophilic Focus  
Hepatodiaphragmatic Nodule  
  
Hyperplasia  
  
Hyperplasia  
Leiomyosarcoma

Chronic, Minimal  
Minimal  
Multiple  
  
Minimal  
  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30498

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30498

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Bone		Osteopetrosis	Mild
Eye	Lens	Cataract	Moderate
Note: CATARACT	TGLs = 5-16		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Ectasia	Focal, Mild
		Eosinophilic Focus	
Note: ECTASIA	TGLs = 1-14		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 2-5		
Lymph Node	Mesenteric	Hyperplasia	Reticulum Cell, Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 3-15		
Mesentery	Fat	Necrosis	Focal, Mild
Note: NECROSIS	TGLs = 4-16		
Pancreas		Atrophy	Focal, Minimal
		Ectopic Liver	
Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30498

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30498

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30499

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 581

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30499

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Chronic, Mild
Liver		Degeneration	Fatty, Mild
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 1-4		
Nose	Mucosa	Inflammation	Chronic Active, Marked
Pancreas		Atrophy	Focal, Minimal
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30500

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30500

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Mammary Gland  
Salivary Glands  
Trachea

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Skin  
Urinary Bladder

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Pancreas  
Stomach - Glandular  
Uterus

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Thymus

**OBSERVATIONS**

Heart  
Kidney  
Liver

Inflammation  
Nephropathy  
Basophilic Focus  
Leukemia Mononuclear

Chronic, Minimal  
Minimal  
Multiple

Note: BASOPH FOCUS TGLs = 1-14

Nose  
Pituitary Gland

Nasolacrim Dct  
Pars Distalis  
Pars Distalis

Inflammation  
Cyst  
Hyperplasia

Chronic, Minimal  
Minimal  
Mild

Note: HYPERPLASIA TGLs = 3-15

Spleen  
Stomach  
Thyroid Gland

Forestomach  
Follicle

Leukemia Mononuclear  
Hyperplasia  
Cyst

Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30501

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30501

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-14		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Leukemia Mononuclear	
Lung		Inflammation	Granulomatous, Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 3-15		
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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<b>ANIMAL ID:</b> 30502	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 623
	<b>DOSE:</b> 5.0MG/KGFEMALE	<b>DISP:</b> Moribund	<b>HISTO:</b> 30502

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	Ovary	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

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**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Granulomatous, Mild
Lung		Inflammation	Chronic, Minimal
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA      TGLs = 1-1			
Stomach	Forestomach	Hyperplasia	Minimal

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**PRIMARY CAUSE OF DEATH**      -

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30503

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30503

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Lung  
Ovary  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Mammary Gland  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

**OBSERVATIONS**

Heart  
Islets, Pancreatic  
Kidney  
Liver

Inflammation  
Hyperplasia  
Nephropathy  
Basophilic Focus  
Clear Cell Focus  
Inflammation

Chronic, Minimal  
Focal, Mild  
Minimal  
Multiple  
Granulomatous, Minimal

Note: CLEAR CL FOCUS TGLs = 2-14  
Note: BASOPH FOCUS TGLs = 1-7+14

Pancreas  
Pituitary Gland  
Uterus

Pars Distalis

Atrophy  
Hypertrophy  
Hemorrhage

Focal, Minimal  
Minimal  
Moderate

Note: HEMORRHAGE TGLs = 3-15

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 593

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30504

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Parathyroid Gland	Skin		

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Islets, Pancreatic		Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 14-12		
Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: HDN	TGLs = 13-15.6		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-4+15		
Lymph Node		Leukemia Mononuclear	
	Axillary	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Prefemoral	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2,3,4,5,6,7-1+15.1+15.2+		
Note: LEUKEMIA MONUC	TGLs = 15.4+15.7+15.8		
Mammary Gland		Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-15.5		
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30504

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 593

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30504

**ORGAN AND ACCOUNTABLE SITE STATUS**

Note: LEUKEMIA MONUC	TGLs = 1-1		
Salivary Glands			Leukemia Mononuclear
Spleen			Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 9-12		
Stomach		Forestomach	Hyperplasia
		Forestomach	Leukemia Mononuclear
		Glandular	Leukemia Mononuclear
Thymus			Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 10-3		
Thyroid Gland			Leukemia Mononuclear
Trachea			Leukemia Mononuclear
Urinary Bladder			Leukemia Mononuclear
Uterus		Cervix	Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 12-15.3		
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30505

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 732

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30505

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-14		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
Note: BASOPH FOCUS	TGLs = 3-15		
Lung	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
Note: INFILTRAT CELL	TGLs = 5-17		
Ovary	Follicle	Cyst	Mild
Note: CYST	TGLs = 4-16		
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30506

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 87

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30506

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Bone Marrow  
Heart  
Intestine Small - Duodenum  
Kidney  
Nose  
Salivary Glands  
Stomach - Glandular  
Uterus

Adrenal Gland - Medulla  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Liver  
Ovary  
Skin  
Thymus

Blood Vessel  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Large - Rectum  
Islets, Pancreatic  
Mammary Gland  
Pituitary Gland  
Stomach - Forestomach  
Urinary Bladder

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Lung	Congestion	Moderate
Trachea	Inflammation	Acute, Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30507

TRT#: 6

SEX: Female

DAY ON TEST: 631

DOSE: 5.0MG/KGFEMALE

DISP: Moribund

HISTO: 30507

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	Lymph Node - Mesenteric	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Mesothelioma Malignant	
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-15.1		
Kidney		Mesothelioma Malignant	
		Nephropathy	Moderate
Liver		Degeneration	Fatty, Moderate
		Necrosis	Acute, Minimal
Note: DEGEN	TGLs = 4-11		
Lung		Mesothelioma Benign	
Note: MESOTHELIO BGN	TGLs = 6-4		
Note: LUNG MESOTHELIO IS MAL BUT TDMS WILL NOT ACCEPT			
Mesentery		Mesothelioma Malignant	
Note: MESOTHELIO MAL	TGLs = 2-15.2		
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Mesothelioma Malignant	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: ANGIECTASIS	TGLs = 5-1		
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Stomach	Forestomach	Hyperplasia	Mild
	Forestomach	Mesothelioma Malignant	
	Glandular	Mesothelioma Malignant	
Thymus		Cyst	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30507

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 631

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30507

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Urinary Bladder

Mesothelioma Malignant

Uterus

Mesothelioma Malignant

Note: MESOTHELIO MAL TGLs = 3-15

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30508

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 5.0MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex  
Brain  
Intestine Large - Cecum  
Intestine Small - Ileum  
Nose  
Pituitary Gland  
Stomach - Glandular  
Urinary Bladder

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Intestine Small - Jejunum  
Ovary  
Skin  
Thymus

Bone  
Esophagus  
Intestine Large - Rectum  
Lung  
Pancreas  
Spleen  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

OBSERVATIONS

Islets, Pancreatic  
Kidney  
Liver

Hyperplasia  
Nephropathy  
Basophilic Focus  
Clear Cell Focus  
Hepatodiaphragmatic Nodule

Focal, Minimal  
Minimal  
Multiple

Note: HDN TGLs = 1-14

Mammary Gland

Duct

Ectasia  
Inflammation  
Cytoplasmic Alteration  
Polyp Stromal

Mild  
Acute, Minimal  
Focal, Minimal

Salivary Glands

Uterus

Endometrium

Note: POLYP STROMAL TGLs = 2-13

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30509

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30509

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

**MISSING**

Thymus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
		Leukemia Mononuclear	
Note: BASOPH FOCUS	TGLs = 2-7+14		
Lung		Congestion	Minimal
Note: CONGESTION	TGLs = 3-4+5		
Lymph Node	Mesenteric	Hyperplasia	Reticulum Cell, Minimal
Nose		Foreign Body	Minimal
	Mucosa	Inflammation	Acute, Minimal
Pancreas		Atrophy	Focal, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Endometrium	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30510

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 580

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30510

**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	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY	TGLs = 2-12		
Liver		Inflammation	Granulomatous, Mild
Lung		Inflammation	Chronic, Minimal
Note: INFLAMMATION	TGLs = 1-4		
Mammary Gland	Duct	Ectasia	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Note: ANGIECTASIS	TGLs = 3-1		
Stomach	Forestomach	Hyperplasia	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30513

TRT#: 6

SEX: Female

DAY ON TEST: 515

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30513

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
Islets, Pancreatic	Lymph Node - Mesenteric	Mammary Gland	Ovary
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Small	Jejunum	Autolysis	Moderate
Kidney		Autolysis	Mild
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Lung		Congestion	Mild
Note: CONGESTION	TGLs = 2-4		
Nose		Fungus	
	Mucosa	Inflammation	Chronic Active, Mild
Pancreas		Autolysis	Moderate
Spleen		Leukemia Mononuclear	
Stomach	Glandular	Autolysis	Mild
	Glandular	Necrosis	Minimal
Note: NECROSIS	TGLs = 4-6		
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30514

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30514

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	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	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

**OBSERVATIONS**

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	
Note: BASOPH FOCUS TGLs = 1-7+14			
Nose		Foreign Body	Minimal
	Mucosa	Inflammation	Acute, Moderate
Stomach	Forestomach	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 2-15			

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30515

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30515

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Colon  
Islets, Pancreatic  
Ovary  
Skin  
Thymus

Bone  
Esophagus  
Intestine Large - Rectum  
Lymph Node - Mesenteric  
Pancreas  
Spleen  
Thyroid Gland

Bone Marrow  
Heart  
Intestine Small - Duodenum  
Mammary Gland  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

**OBSERVATIONS**

Intestine Small  
Kidney  
Liver

Ileum

Hyperplasia  
Nephropathy  
Basophilic Focus  
Inflammation  
Hemorrhage

Lymphoid, Mild  
Minimal  
Multiple  
Granulomatous, Minimal  
Minimal

Lung  
Note: HEMORRHAGE TGLs = 3-5

Pituitary Gland  
Uterus

Pars Distalis

Adenoma  
Leiomyoma  
Polyp Stromal

Endometrium

Note: POLYP STROMAL TGLs = 2-15  
Note: LEIOMYOMA TGLs = 1-14

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30516

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30516

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-14		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
		Inflammation	Granulomatous, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: INFILTRAT CELL	TGLs = 2-5		
Pancreas		Infiltration Cellular	Lymphocyte, Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Stomach	Forestomach	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30517

TRT#: 6

SEX: Female

DAY ON TEST: 518

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30517

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

Blood Vessel  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Salivary Glands  
Stomach - Glandular  
Uterus

Bone  
Esophagus  
Intestine Small - Duodenum  
Kidney  
Pancreas  
Skin  
Thyroid Gland

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Parathyroid Gland  
Spleen  
Trachea

**INSUFFICIENT TISSUE**

Thymus

**OBSERVATIONS**

Adrenal Gland  
Heart  
Liver  
  
Lung  
Note: CONGESTION    TGLs = 2-4  
Nose

Medulla

Hyperplasia  
Inflammation  
Basophilic Focus  
Inflammation  
Congestion  
  
Autolysis

Focal, Minimal  
Chronic, Minimal  
Multiple  
Granulomatous, Minimal  
Marked  
  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30518

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 5.0MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic	Focal, Moderate
Heart	Atrium Lft	Inflammation Thrombosis	Chronic, Mild Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus Hepatodiaphragmatic Nodule	Multiple
Note: HDN TGLs = 1-15	Bile Duct	Hyperplasia	Minimal
Nose	Mucosa	Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 5-14			
Stomach	Forestomach	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 6-17			
Thyroid Gland	C Cell Follicular Cel	Hyperplasia Hyperplasia	Minimal Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30519

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 586

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30519

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**MISSING**

Clitoral Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
Bone Marrow		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Note: NEPHROPATHY TGLs = 3-12			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Cyst	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-12			
Stomach	Forestomach	Hyperplasia	Moderate
	Glandular	Necrosis	Minimal
Note: NECROSIS TGLs = 5-6			
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30520

TRT#: 6

SEX: Female

DAY ON TEST: 732

DOSE: 5.0MG/KGFEMALE

DISP: Terminal Sacrifice

HISTO: 30520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla  
Clitoral Gland  
Intestine Large - Rectum  
Islets, Pancreatic  
Ovary  
Spleen  
Thyroid Gland

Bone  
Esophagus  
Intestine Small - Duodenum  
Lung  
Parathyroid Gland  
Stomach - Forestomach  
Trachea

Bone Marrow  
Intestine Large - Cecum  
Intestine Small - Ileum  
Lymph Node - Mesenteric  
Salivary Glands  
Stomach - Glandular  
Urinary Bladder

Brain  
Intestine Large - Colon  
Intestine Small - Jejunum  
Nose  
Skin  
Thymus

OBSERVATIONS

Adrenal Gland  
Heart  
Kidney  
Liver

Cortex

Hyperplasia  
Inflammation  
Nephropathy  
Basophilic Focus  
Clear Cell Focus

Focal, Minimal  
Chronic, Mild  
Mild  
Multiple

Note: CLEAR CL FOCUS TGLs = 1-16

Mammary Gland  
Pancreas  
Pituitary Gland

Duct

Ectasia  
Atrophy  
Adenoma

Mild  
Focal, Minimal

Note: ADENOMA TGLs = 4-14

Uterus

Endometrium

Cyst

Mild

Note: CYST TGLs = 2-15

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30521

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 636

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30521

**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
Lymph Node - Mesenteric	Mammary Gland	Nose	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-15.3+15.5		
Heart		Inflammation	Chronic, Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Pigmentation	Mild
Liver		Basophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
Note: HDN	TGLs = 5-15.1	Inflammation	Granulomatous, Minimal
Lung		Congestion	Minimal
		Inflammation	Chronic, Mild
Note: CONGESTION	TGLs = 6-4+15		
Lymph Node	Mediastinal	Congestion	Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
Note: HYPERPLASIA	TGLs = 3-15.4		
Note: CONGESTION	TGLs = 7-15.2		
Spleen		Hematopoietic Cell Proliferation Granulocytic	Mild
Note: HEMA CL PR GRN	TGLs = 4-12		

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

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**ANIMAL ID:** 30521

**TRT#:** 6  
**DOSE:** 5.0MG/KGFEMALE

**SEX:** Female  
**DISP:** Moribund

**DAY ON TEST:** 636  
**HISTO:** 30521

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Stomach	Forestomach	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30523

TRT#: 6

SEX: Female

DAY ON TEST: 692

DOSE: 5.0MG/KGFEMALE

DISP: Moribund

HISTO: 30523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Blood Vessel	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	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 - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Focal, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Chronic, Moderate
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-12			
Liver		Basophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Minimal
Pancreas		Inflammation	Chronic, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Stomach	Forestomach	Hyperplasia	Minimal
Vagina		Inflammation	Acute, Minimal
Note: INFLAMMATION TGLs = 3-15			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30524

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 692

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30524

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood Vessel	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Parathyroid Gland
Salivary Glands	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Cyst	Moderate
		Nephropathy	Mild
		Pigmentation	Mild
Note: PIGMENT TGLs = 4-12			
Note: CYST TGLs = 5-15			
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			
Lymph Node	Mesenteric	Leukemia Mononuclear	
Nose	Mucosa	Inflammation	Chronic Active, Mild
Ovary		Leukemia Mononuclear	
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-1			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-12			
Stomach	Forestomach	Hyperplasia	Mild
	Glandular	Necrosis	Mild
Note: NECROSIS TGLs = 6-15.1			

**PRIMARY CAUSE OF DEATH** -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30526

TRT#: 6

SEX: Female

DAY ON TEST: 428

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30526

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	Mammary Gland
Ovary	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Congestion	Mild
Lung		Congestion	Marked
Note: CONGESTION	TGLs = 1-4		
Nose		Autolysis	Mild
Pancreas		Atrophy	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: HYPERPLASIA	TGLs = 2-1		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05031-02

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: Mercuric chloride

CAS Number: 7487-94-7

Date Report Requested: 10/18/2014

Time Report Requested: 21:24:00

First Dose M/F: NA / NA

Lab: IRDC

ANIMAL ID: 30528

TRT#: 6

SEX: Female

DAY ON TEST: 106

DOSE: 5.0MG/KGFEMALE

DISP: Dead

HISTO: 30528

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex  
Bone Marrow  
Heart  
Islets, Pancreatic  
Nose  
Pituitary Gland  
Stomach - Forestomach  
Urinary Bladder

Adrenal Gland - Medulla  
Brain  
Intestine Large - Cecum  
Liver  
Ovary  
Salivary Glands  
Stomach - Glandular  
Uterus

Blood Vessel  
Clitoral Gland  
Intestine Large - Colon  
Lymph Node - Mesenteric  
Pancreas  
Skin  
Thyroid Gland

Bone  
Esophagus  
Intestine Large - Rectum  
Mammary Gland  
Parathyroid Gland  
Spleen  
Trachea

**OBSERVATIONS**

Intestine Small

Duodenum  
Ileum  
Jejunum

Autolysis  
Autolysis  
Autolysis  
Hemorrhage  
Congestion

Mild  
Moderate  
Moderate  
Focal, Moderate  
Mild

Kidney  
Lung

Hemorrhage  
Congestion

Focal, Moderate  
Mild

Note: CONGESTION TGLs = 3-4

Thymus

Hemorrhage

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30529

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 626

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Dead

**HISTO:** 30529

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

**OBSERVATIONS**

Adrenal Gland	Cortex	Angiectasis	Minimal
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Acute, Minimal
Lung		Leukemia Mononuclear	
Nose		Foreign Body	Minimal
	Mucosa	Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Stomach	Forestomach	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30531

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30531

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

**OBSERVATIONS**

Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
	Atrium Lft	Thrombosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-7+16		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-4+5		
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,2,5,7-8+14+15+18		
Nose	Mucosa	Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Ovary	Follicle	Cyst	Moderate
Note: CYST	TGLs = 6-17		
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
Note: CYST	TGLs = 10-2		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-7		
Thymus		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05031-02

**Test Type:** CHRONIC

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** Mercuric chloride

**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014

**Time Report Requested:** 21:24:00

**First Dose M/F:** NA / NA

**Lab:** IRDC

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**ANIMAL ID:** 30531

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 730

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Moribund

**HISTO:** 30531

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Thyroid Gland

C Cell

Adenoma

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05031-02  
**Test Type:** CHRONIC  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Mercuric chloride  
**CAS Number:** 7487-94-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 21:24:00  
**First Dose M/F:** NA / NA  
**Lab:** IRDC

**ANIMAL ID:** 30532

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 5.0MG/KGFEMALE

**DISP:** Terminal Sacrifice

**HISTO:** 30532

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Adrenal Gland - Medulla	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	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

**OBSERVATIONS**

Adrenal Gland	Cortex	Hyperplasia	Focal, Minimal
Clitoral Gland	Duct	Ectasia	Mild
Note: ECTASIA	TGLs = 2-15		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Multiple
Note: BASOPH FOCUS	TGLs = 1-7+14		
Pancreas		Atrophy	Focal, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE