

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:26
First Dose M/F: NA / NA
Lab: TSI MASON

C Number:	C55130
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	11/24/1986

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:26
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 1 DOSE: VEHICLE 46 VM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Necrosis Pheochromocytoma Benign	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Basophilic Focus Hyperplasia Neoplastic Nodule	Mild
Note: COULD AS WELL BE A HEPATOCELLULAR CARCINOMA			
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Multiple Minimal
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:26
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1 **TRT#:** 2 **SEX:** Male **DAY ON TEST:** 622
DOSE: 0.1 G/KG 46 LM **DISP:** Moribund Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
		Necrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Ectasia	Mild
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:26

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 734 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Necrosis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 483
	DOSE: VEHICLE 46 VM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Necrosis	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
		Leukemia Mononuclear	
Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 2	SEX: Male	DAY ON TEST: 629
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Seminal Vesicle	Skin	Thymus
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Brain	Artery	Thrombosis	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Fibrosis	Mild
		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
Salivary Glands		Atrophy	Mild
	Duct	Ectasia	Mild
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.2 G/KG 46 HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
Preputial Gland		Necrosis	Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 611
	DOSE: VEHICLE 46 VM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Stomach
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
Lymph Node	Lumbar	Pigmentation	Mild
Nose		Squamous Cell Carcinoma	Metastatic (Skin)
Prostate		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Minimal
Skin		Squamous Cell Carcinoma	
Note: NASAL AREA NEAR THE TURBINATES.			
Note: CELL CARCINOMA. THE TUMOR HAS INFILTRATED INTO THE			
Note: SKIN OF FACE, PROBABLY OF THE LIP WITH A SQUAMOUS			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstitial Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland		Cyst	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Preputial Gland		Inflammation	Chronic Active, Minimal
Skin		Squamous Cell Carcinoma	
Note: ? KERATOACANTHOMA ?			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 3	TRT#: 3	SEX: Male	DAY ON TEST: 642
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Pituitary Gland	Seminal Vesicle	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Nose	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

Thyroid GI
Note: A FEW LARGE FOLLICLES

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 1 DOSE: VEHICLE 46 VM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 741 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Fibrosis	Minimal
		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

MISSING

Prostate

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Pancreas	Preputial Gland	Prostate	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Mild

Thyroid GI
Note: A FEW LARGE FOLLICLES

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 1 DOSE: VEHICLE 46 VM	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 742 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Hyperplasia	Lymphoid, Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Carcinoma	
		Necrosis	Mild
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 2	SEX: Male	DAY ON TEST: 734
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Harderian Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large	Lymphoid Nodul	Hyperplasia	Minimal
		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Nose		Inflammation	Chronic Active, Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 5	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 643 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Preputial Gland	Seminal Vesicle	Skin
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Bone Marrow	Parathyroid Gland		
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Epididymis		Mesothelioma Malignant	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Mild
Lung		Carcinoma	Metastatic (Thyroid Gland)
	Bronchiole	Inflammation	Acute, Mild
		Inflammation	Acute, Mild
Note: METASTATIC TUMOR IS FROM C-CELL CARCINOMA.			
Lymph Node		Carcinoma	Metastatic (Thyroid Gland)
	Mediastinal	Pigmentation	Mild
Note: LYMPH NODE IS MEDIASTINAL			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
	Tunic	Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 643 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell Follicular Cel	Carcinoma Carcinoma Mineralization Necrosis	Minimal Minimal
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Note: MASS APPEARS TO BE BOTH A FOLLICULAR AND C-CELL TUMOR
Note: THE C-CELL TUMOR HAS INFILTRATED INTO THE CAPSULE;
Note: TO THE PERITRACHEAL GLANDS AND IN THE BLOOD VESSELS
Note: IT HAS METASTASIZED TO THE LUNG

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Neoplastic Nodule	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Skin		Acanthosis	Mild
Note: SUGGESTIVE OF PAPILLOMA.			
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 6	TRT#: 2	SEX: Male	DAY ON TEST: 680
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Carcinoma	
Prostate		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Salivary Glands	Duct	Ectasia	Mild
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Cyst	
		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 299 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Heart	Intestine Large	Islets, Pancreatic	Lymph Node
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Testes
Thyroid Gland	Trachea		

MISSING

Epididymis	Esophagus	Mammary Gland	Parathyroid Gland
Thymus			

PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Intestine Small	Ileum	Fibrosis	Minimal
	Ileum	Necrosis	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
Lung		Inflammation	Chronic Active, Minimal
Note: CHOLESTEROL CLEFTS			
Spleen		Depletion Lymphoid	Minimal
Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 575

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Pancreas	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
Lung		Squamous Cell Carcinoma	Multiple
Note: THE BRONCHIAL EPITHELIUM. THE LUMEN OF MANY BRON-			
Note: PRICKLE CELLS AND PEARLS. PROBABLY ORIGINATES FROM			
Note: DEBRIS AND/OR TUMOR CELLS			
Note: A WELL DIFFERENTIATED SQUAMOUS CELL CARCINOMA WITH			
Note: CHIOLES AND BLOOD VESSELS FILLED WITH NECROTIC			
Lymph Node	Mediastinal	Hemorrhage	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
Prostate		Inflammation	Chronic Active, Minimal
Trachea			
Note: EMBOLUS OF TUMOR AND NECROTIC DEBRIS IN TRACHEA			
Note: TUMOR EMBOLUS IN LUMEN OF TRACHEA.			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 2	SEX: Male	DAY ON TEST: 600
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Cortex	Necrosis	Minimal
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Minimal
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Giant Cell	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 2 DOSE: 0.1 G/KG 46 LM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 600 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 7	TRT#: 3	SEX: Male	DAY ON TEST: 666
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Nose	Pituitary Gland
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Congestion	Minimal
	Mediastinal	Depletion Lymphoid	Minimal
Pancreas	Acinus	Adenoma	
Preputial Gland		Inflammation	Chronic Active, Mild
Prostate		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8 TRT#: 1 SEX: Male DAY ON TEST: 742
DOSE: VEHICLE 46 VM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Nose
Pancreas	Preputial Gland	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Minimal
Salivary Glands		Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Pancreas
Pituitary Gland	Seminal Vesicle	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland		
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Necrosis	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: BRIDGING BETWEEN PORTAL TRACTS			
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: PIGMENT AND CHOLESTEROL CLEFTS IN ONE AREA.			
Note: BLOOD IN ALVEOLI			
Pancreas			
Note: POSSIBLE EARLY ACINAR HYPERPLASIA			
Preputial Gland		Necrosis	Minimal
Prostate		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Note: FORESTOMACH:MIGHT HAVE BEEN AN ULCER OR NECROSIS			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 8

TRT#: 3

SEX: Male

DAY ON TEST: 664

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Seminal Vesicle		Atrophy	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
Note: NECROSIS OR ARTIFACT IN FORESTOMACH			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9	TRT#: 2	SEX: Male	DAY ON TEST: 735
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Preputial Gland	Seminal Vesicle	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Prostate
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: SUGGESTION OF AN ADENOMA			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Natural Death	DAY ON TEST: 303 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Gland	Brain	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Thyroid Gland
Trachea			

MISSING			
Bone	Bone Marrow	Epididymis	Esophagus
Mammary Gland	Parathyroid Gland	Thymus	

PRESENT BUT NOT EXAMINED			
Nose	Preputial Gland		

OBSERVATIONS			
Kidney	Pelvis	Inflammation Nephropathy	Acute, Minimal Minimal
Liver		Fatty Change Necrosis	Focal, Minimal Minimal
Lung	Bronchiole	Inflammation Inflammation	Acute, Minimal Chronic Active, Mild
Lymph Node	Mesenteric	Infiltration Cellular	Mast Cell, Minimal
Salivary Glands	Duct Duct	Inflammation Metaplasia	Chronic Active, Mild Squamous, Minimal
Spleen		Depletion Lymphoid Hematopoietic Cell Proliferation	Minimal Minimal
Stomach	Forestomach	Hyperplasia	Basal Cell, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Necrosis	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Necrosis	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Prostate
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Kidney		Fibrosis	Focal, Mild
		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thyroid Gland	C Cell	Adenoma	
Urin Bladder			

Note: INCREASE OF CELLULARITY IN THE TRANSITIONAL EPITHELIUM

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10

TRT#: 3

SEX: Male

DAY ON TEST: 303

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Pancreas	Pituitary Gland	Skin
Spleen	Stomach	Thyroid Gland	Trachea

MISSING

Epididymis	Esophagus	Mammary Gland	Parathyroid Gland
Thymus			

PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
	Bronchiole	Inflammation	Acute, Minimal
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Seminal Vesicle		Inflammation	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder	Transit Epithe	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: SUGGESTION OF LEUKEMIA.			
Lung	Alveolar Epith	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 2

SEX: Male

DAY ON TEST: 714

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Mesentery	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Cyst	
Prostate		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11

TRT#: 2

SEX: Male

DAY ON TEST: 714

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Islets, Pancreatic	Kidney
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Epididymis		Mesothelioma Malignant	
Intestine Small		Mesothelioma Malignant	
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
Note: MAST CELLS INCREASED IN MEDIASTINAL LYMPH NODES			
Pancreas		Mesothelioma Malignant	
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Mesothelioma Malignant	
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Basal Cell, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
	Tunic	Mesothelioma Malignant	
Thyroid Gland			
Note: A FEW LARGE FOLLICLES			
Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

Animal Note: OF INTESTINE AND URINARY BLADDER.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DIAPHRAGM,EPIDIDYMIS,PROSTATE,PANCREAS,AND SEROSA

Animal Note: MESOTHELIOMA INFILTRATIVE INTO ABDOMINAL CAVITY,

Animal Note: EXCESS PIGMENT IN MESOTHELIOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Mesentery	Artery	Necrosis	Fibrinoid, Moderate
Pancreas	Artery	Necrosis	Fibrinoid, Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thymus	Epithel Cell	Hyperplasia	Mild
	Note: FIBRINOID NECROSIS OCCURS WITHIN THE ARTERY.		
Thyroid Gland	Capsule	Necrosis	Fibrinoid, Moderate
	Note: BECAUSE ARTERY IS NOT IN PCT.		
	Note: NECROSIS IS IN ARTERY. CAPSULE USED AS SITE		
	Note: PROBABLE PERIARTERITIS		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Nose	Pancreas
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 3

SEX: Male

DAY ON TEST: 236

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 740

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Preputial Gland	Skin	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Minimal
	Medulla	Pheochromocytoma Benign Leukemia Mononuclear	
Brain		Cardiomyopathy	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear Nephropathy	Mild
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
Note: MORE LIKE LYMPHOCYTIC RATHER THAN MONONUCLEAR LEUKEMIA			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 1	SEX: Male	DAY ON TEST: 740
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Forestomach	Leukemia Mononuclear	
	Bilateral, Interstit Cell	Ulcer	Mild
	Seminif Tub	Adenoma	
		Atrophy	Mild
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Note: SUGGESTION OF NEOPLASTIC NODULES IN THE SECTION CIRCLED			
Lung		Edema	Minimal
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 3

SEX: Male

DAY ON TEST: 591

DOSE: 0.2 G/KG 46 HM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Parathyroid Gland
Preputial Gland	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Esophagus			
Note: CONTAINS MUCINOUS MATERIAL			
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
Note: SUGGESTION OF A NEOPLASTIC NODULE			
Lung		Bronchiectasis	Moderate
		Carcinoma	
	Bronchus	Metaplasia	Squamous, Mild
Note: BRONCHIOLES. ALSO MUCINOUS MATERIAL IN BRONCHIOLES.			
Note: NUCLEI, A FEW ACINAR STRUCTURES, AND SQUAMOUS			
Note: THIS IS A POORLY DIFFERENTIATED CARCINOMA. IN THIS			
Note: NEOPLASM THERE ARE NUMEROUS CELLS WITH MULTIPLE			
Note: METAPLASIA IN 1A. NESTS OF TUMOR CELLS IN A FEW			
Note: POORLY DIFFERENTIATED CARCINOMA WITH MULTINUCLE-			
Note: MILD EXUDATE PRESENT IN THE BRONCHIOLES.			
Note: ATE GIANT CELLS AND SQUAMOUS METAPLASIA.			
Lymph Node		Carcinoma	Metastatic (Lung)
	Mediastinal	Pigmentation	Mild
Note: LYMPH NODE IS MEDIASTINAL			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 3	SEX: Male	DAY ON TEST: 591
	DOSE: 0.2 G/KG 46 HM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Chronic Active, Minimal
Note: CONTAINS MUCINOUS MATERIAL			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 1	SEX: Male	DAY ON TEST: 198
	DOSE: VEHICLE 46 VM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Epididymis	Mammary Gland	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Liver	Fatty Change	Focal, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland	
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lymph Node	Mandibular	Necrosis	Minimal
Prostate		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Note: SUGGESTION OF LEUKEMIA			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Pituitary Gland	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland		
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain	Brain Stem	Vacuolization Cytoplasmic	Minimal
	Cerebrum, White Matter	Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
		Mineralization	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Fibrosis	Minimal
		Metaplasia	Squamous, Mild
Salivary Glands		Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Hyperplasia	Basal Cell, Mild
	Forestomach	Inflammation	Chronic Active, Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Prostate		Inflammation	Chronic Active, Minimal
Skin		Basosquamous Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Preputial Gland
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INSUFFICIENT TISSUE

Skin

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Harderian Gland		Adenoma	
Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Carcinoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Chronic Active, Minimal
Skin			
Note: ACELLULAR AMORPHOUS MATERIAL			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 3

SEX: Male

DAY ON TEST: 616

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Nose		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Necrosis	Mild
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
Nose			
Note: BLOOD IN NASAL CAVITY			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Eye	Harderian Gland	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 3	SEX: Male	DAY ON TEST: 527
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Pituitary Gland	Seminal Vesicle
Skin	Spleen	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Large		Polyp Adenomatous	
Kidney	Renal Tubule	Degeneration	Mild
Note: BODIES IN SOME NUCLEI.			
Note: MANY MITOTIC FIGURES IN TUBULAR CELLS. INCLUSION			
Liver		Fatty Change	Diffuse, Moderate
		Inflammation	Chronic Active, Minimal
Preputial Gland		Necrosis	Minimal
Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Tunic	Mesothelioma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Tribromomethane
 CAS Number: 75-25-2

Date Report Requested: 10/23/2014
 Time Report Requested: 11:48:27
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 17 TRT#: 2 SEX: Male DAY ON TEST: 735
 DOSE: 0.1 G/KG 46 LM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Heart	Intestine Large	Intestine Small	Lymph Node
Nose	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Mineralization	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 3

SEX: Male

DAY ON TEST: 644

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Prostate	Seminal Vesicle	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	

Note: SUGGESTION OF GRANULOMATOUS INFLAMMATION.

Note: BRIDGING BETWEEN PORTAL RADICLES.

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Glandular	Necrosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 1	SEX: Male	DAY ON TEST: 741
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Preputial Gland		Carcinoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Note: BLOOD IN RENAL PELVIS.			
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Moderate
Salivary Glands		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Moderate
Note: SURROUNDED BY THICK CAPSULE.			
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Ulcer	Mild
Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Giant Cell	Mild
	Interstitial Cell	Hyperplasia	Mild
Note: NUMEROUS MULTINUCLEATE CELLS.			
Thyroid Gland			
Note: A FEW LARGE FOLLICLES.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 642

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 741
DOSE: VEHICLE 46 VM **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Nose	Preputial Gland	Salivary Glands
Seminal Vesicle	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Fibrosis	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Minimal
Skin		Hyperkeratosis	Mild
		Keratoacanthoma	
Note: FLASK SHAPED NON-INVASIVE GROWTH			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 735

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Prostate	Seminal Vesicle	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Preputial Gland		
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	Multiple
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Ectasia	Minimal
		Inflammation	Chronic Active, Minimal
Skin		Hyperkeratosis	Moderate
		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Tissue NOS		Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Mammary Gland	Nose	Pancreas
Prostate	Seminal Vesicle	Skin	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Erosion	Mild
	Lymphoid Nodul	Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Necrosis	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
		Schwannoma Malignant	

Note: ROUND CELLS ARE PRESENT.

Note: MYOEPITHELIUM OR A SARCOMA. BOTH FUSIFORM AND

Note: GLAND IS ATROPHIC. THE NEOPLASM MAY EITHER BE A

Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 3

SEX: Male

DAY ON TEST: 649

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 741

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Prostate		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

Note: CHOLESTEROL CLEFTS AND A FEW MAST CELLS IN ONE SECTION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 2
DOSE: 0.1 G/KG 46 LM

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 660
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Preputial Gland	Prostate	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands		Fibrosis	Mild
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
		Sarcoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
Note: LYMPHOID AGGREGATE			
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Giant Cell	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 3	SEX: Male	DAY ON TEST: 356
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Islets, Pancreatic
Lung	Mammary Gland	Parathyroid Gland	Pituitary Gland
Skin	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Intestine Small		Mesothelioma Malignant	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
Lymph Node	Mesenteric	Infiltration Cellular	Mast Cell, Minimal
Mesentery	Fat	Mesothelioma Malignant	
Pancreas		Mesothelioma Malignant	
Prostate		Inflammation	Chronic Active, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Seminal Vesicle		Mesothelioma Malignant	
Spleen		Mesothelioma Malignant	
Stomach	Forestomach	Ulcer	Mild
Testes	Interstit Cell	Hyperplasia	Minimal
	Tunic	Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Islets, Pancreatic	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Mild
Preputial Gland		Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 2	SEX: Male	DAY ON TEST: 649
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Depletion Lymphoid	Minimal
Pancreas	Acinus	Atrophy	Mild
Prostate		Inflammation	Chronic Active, Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Fibrosarcoma	
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22 TRT#: 1 SEX: Male DAY ON TEST: 491
DOSE: VEHICLE 46 VM DISP: Moribund Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Liver	Lung	Lymph Node	Pancreas
Prostate	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Intestine Large		Abscess	Mild
		Hemorrhage	Minimal
Kidney		Hydronephrosis	Minimal
		Nephropathy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
	Pars Intermed	Hyperplasia	Minimal
Note: COLLOID CYST.			
Prostate			
Note: A FEW CALCIFIED MASSES ND EOSINOPHILLIC GLOBULES			
Note: (DESQUAMATED CELLS ?) IN LUMEN.			
Salivary Glands		Atrophy	Focal, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Hemorrhage	Minimal
	Transit Epithe	Hyperplasia	Minimal
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ALSO, THERE IS A SUGGESTION OF PERFORATION BOTH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 491

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: FIBROBLASTS.

Animal Note: EXTENSIVE HEMORRHAGE, INFLAMMATION, AND

Animal Note: THE COLO-RECTAL INFECTION IN AREAS IS MARKEDLY

Animal Note: IN THE PERINEUM AND IN THE SUBMUCOSA. THERE IS

Animal Note: NECROSED, AND THERE ARE A FEW BACTERIAL COLONIES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Carcinoma	
Prostate		Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 715

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lymph Node
Mammary Gland	Nose	Pancreas	Preputial Gland
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Depletion Lymphoid	Minimal
Stomach	Forestomach	Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Mammary Gland	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Carcinoma	
		Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 2

SEX: Male

DAY ON TEST: 721

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Skin	Thymus	Trachea
Urinary Bladder			

MISSING

Seminal Vesicle

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Pigmentation	Mild
Stomach	Forestomach	Fibrosis	Mild
	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 3	SEX: Male	DAY ON TEST: 275
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lymph Node	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Liver		Fatty Change	Focal, Mild
Lung		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Focal, Minimal
	Medulla	Pheochromocytoma Benign	
Brain			
Note: SUGGESTIVE OF NEOPLASM, AREA CIRCLED IN INK			
Epididymis		Inflammation	Chronic Active, Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Nose		Inflammation	Chronic Active, Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Salivary Glands	Seminal Vesicle	Skin
Thyroid Gland	Trachea		

MISSING

Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Nephropathy	Minimal
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Neoplastic Nodule	
Note: A FEW REGENERATING NODULES			
Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Angiectasis	Moderate
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 610

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 670

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Lung	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Angiectasis	Minimal
	Mediastinal	Pigmentation	Minimal
Mesentery	Fat	Necrosis	Minimal
Prostate		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Preputial Gland
Salivary Glands	Seminal Vesicle	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Mild
Skin		Hyperkeratosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 2	SEX: Male	DAY ON TEST: 663
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 600

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Pancreas
Pituitary Gland	Seminal Vesicle	Skin	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland	Thymus
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OBSERVATIONS

Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Granulomatous, Mild
		Leukemia Mononuclear	
Note: SOME (REFRACTILE BODIES) MATERIAL IN THE GRANU-			
Note: LOMAS POLARIZE. A FEW LANGHANS TYPE CELL			
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Prostate		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Infarct	Mild
		Leukemia Mononuclear	
Stomach	Forestomach	Ulcer	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 3

SEX: Male

DAY ON TEST: 600

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Interstit Cell

Hyperplasia

Minimal

Thyroid Gland

Follicular Cel

Carcinoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 524

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Mammary Gland
Nose	Pituitary Gland	Preputial Gland	Salivary Glands
Skin	Trachea		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large		Leukemia Mononuclear	
Intestine Small		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Mesentery	Fat	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Seminal Vesicle		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Minimal
		Leukemia Mononuclear	
	Forestomach	Necrosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 524

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Thyroid Gland

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 3	SEX: Male	DAY ON TEST: 670
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Nose	Pancreas	Preputial Gland
Prostate	Seminal Vesicle	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus	
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OBSERVATIONS

Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Pigmentation	Moderate
	Mediastinal	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
		Spermatocoele	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 632

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Preputial Gland	Salivary Glands
Seminal Vesicle	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
---------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Nervosa	Cyst	
Note: RATHKES POUCH CYSTS			
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Osteosarcoma	
Note: POSSIBILITY OF A SKELETAL MUSCLE TUMOR			
Note: AND NUMEROUS MULTINUCLEATE GIANT CELLS.			
Note: OSTEOID MATERIAL AND A FEW THROMBI IN #13A			
Note: MODERATELY PLEOMORPHIC POPULATION OF FUSIFORM CELLS			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland		Cyst	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Adenoma	
		Necrosis	Moderate
Prostate		Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

Thyroid GI
Note: INGROWTH OF EPITHELIUM IN ONE FOLLICLE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Small
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Seminal Vesicle	Skin	Stomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
	Cortex	Necrosis	Minimal
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large		Hemorrhage	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: LEUKEMIA COULD BE A LYMPHOCYTIC LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thyroid Gland	Trachea		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Minimal
Heart	Bilateral, Medulla	Pheochromocytoma Benign Cardiomyopathy Leukemia Mononuclear	Minimal
Kidney		Leukemia Mononuclear	
Liver	Bile Duct	Nephropathy Hyperplasia Leukemia Mononuclear Necrosis	Mild Mild Mild
Lung		Neoplastic Nodule Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pituitary Gland	Mediastinal	Leukemia Mononuclear	
Preputial Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
Spleen		Mineralization	Minimal
Testes		Necrosis	Mild
		Leukemia Mononuclear	
	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Nephropathy	Moderate
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Necrosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29 TRT#: 3 SEX: Male DAY ON TEST: 533
DOSE: 0.2 G/KG 46 HM DISP: Natural Death HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lung		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
	Tunic	Mesothelioma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 2

SEX: Male

DAY ON TEST: 649

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Stomach	Forestomach	Fibrosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Giant Cell	Minimal
	Interstit Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Harderian Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Lymph Node	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Islets, Pancreatic		Adenoma	
		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Prostate	Salivary Glands	Seminal Vesicle	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF A NEOPLASTIC NODULE IN THE CIRCLE SECTIONED			
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Adenoma	
		Necrosis	Moderate
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Adenocarcinoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Marked
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Preputial Gland		Necrosis	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 2

SEX: Male

DAY ON TEST: 679

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lung
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
Note: ? CARCINOMA ?			
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Marked
	Forestomach	Ulcer	Moderate
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32

TRT#: 3

SEX: Male

DAY ON TEST: 639

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Preputial Gland
Prostate	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lung		Inflammation	Acute, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 679

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland		Thrombosis	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
Lung		Bronchiectasis	Minimal
		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Angiectasis	Minimal
	Mesenteric	Angiectasis	Mild
	Mediastinal	Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
	Note: HEPATOCELLUAR PRIMARY FROM LIVER.		
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Hyperplasia	Mild
Skeletal Muscle		Hepatocellular Carcinoma	Metastatic (Uncertain Primary Site)
	Note: METASTATIC TO THE DIAPHRAGM		
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 679

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: AND A SCHIRROUS NATURE.

Animal Note: HEPATOMA. HOWEVER, THE POSSIBILITY OF A MALIGNANT

Animal Note: DIAPHRAGM, AND LYMPH NODE IS CALLED A METASTATIC

Animal Note: CAUSE OF THE PLEOMORPHISM, MULTINUCLEATE CELLS,

Animal Note: BRONCHIOLOAR CARCINOMA HAS TO BE CONSIDERED, BE-

Animal Note: MESOTHELIOMA OF THE PLEURA OR ALVEOLAR-

Animal Note: THE NEOPLASM WHICH HAS METASTISIZED TO THE LUNG,

Animal Note: CELLS WITH BIZARRE NUCLEI, NUMEROUS FUSIFORM CELLS,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Pituitary Gland	Preputial Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF NEOPLASTIC NODULE IN THE SECTION CIRCLED			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Pituitary Gland
Preputial Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Prostate		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 1	SEX: Male	DAY ON TEST: 621
	DOSE: VEHICLE 46 VM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Preputial Gland	Salivary Glands	Seminal Vesicle
Thymus	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Chronic Active, Mild
Skin		Cyst Epithelial Inclusion	
Spleen		Pigmentation	Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lung
Nose	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Note: ? PHEOCHROMOCYTOMA ?			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.2 G/KG 46 HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Nervosa	Cyst	
Preputial Gland		Inflammation	Chronic Active, Mild
		Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35 TRT#: 2 SEX: Male DAY ON TEST: 736
DOSE: 0.1 G/KG 46 LM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Preputial Gland		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperkeratosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 3	SEX: Male	DAY ON TEST: 665
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Parathyroid Gland	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 586

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Islets, Pancreatic	Mammary Gland
Nose	Preputial Gland	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
Note: A FEW ANITSCHKROW MYOCYTES.			
Intestine Small	Lymphoid Nodul	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Prostate		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 586

DOSE: VEHICLE 46 VM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Trachea	Urinary Bladder		

MISSING

Nose	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 3	SEX: Male	DAY ON TEST: 642
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Parathyroid Gland
Preputial Gland	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Mammary Gland	Pituitary Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Pancreas	Acinus	Hyperplasia	Minimal
Prostate		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pituitary Gland	Salivary Glands
Seminal Vesicle	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: MORE A FIBROMA THAN FIBROADENOMA{13 & 13A }			
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Carcinoma	
Prostate		Inflammation	Chronic Active, Minimal
Skin	Subcut Tiss	Fibroma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37

TRT#: 2

SEX: Male

DAY ON TEST: 642

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Parathyroid Gland
Seminal Vesicle	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Skin		Inflammation	Chronic Active, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Ulcer	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 3	SEX: Male	DAY ON TEST: 363
	DOSE: 0.2 G/KG 46 HM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Seminal Vesicle	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Skin		Necrosis	Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Nose
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Acute, Moderate
		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 2

SEX: Male

DAY ON TEST: 694

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Mammary Gland	Nose	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Esophagus			
Note: BLOOD PRESENT WITHIN THE ESOPHAGUS.			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF A NEOPLASTIC NODULE			
Lymph Node	Mediastinal	Congestion	Minimal
Nose			
Note: BLOOD IN NASAL CAVITY			
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Polyp Adenomatous	
Kidney	Artery	Necrosis	Fibrinoid, Minimal
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 377
	DOSE: VEHICLE 46 VM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Kidney
Lung	Lymph Node	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Epididymis	Mammary Gland	Parathyroid Gland	
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PRESENT BUT NOT EXAMINED

Nose

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Liver		Basophilic Focus	
Lung			
Note: PULMONARY EDEMA.			
Note: PROTEINACEOUS MATERIAL IN SOME ALVEOLI SUGGESTS			
Preputial Gland		Carcinoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 2	SEX: Male	DAY ON TEST: 337
	DOSE: 0.1 G/KG 46 LM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Pancreas	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Brain		Astrocytoma Malignant Hemorrhage	Minimal
Note: OLIGODENDROGLIOMA Note: AREAS OF NEOVASCULARIZATION. ALSO SUGGESTIVE OF			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
Lung		Edema	Mild
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 3

SEX: Male

DAY ON TEST: 250

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Kidney	Lymph Node	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney			
Note: BLOOD PRESENT IN RENAL PELVIS.			
Liver		Fatty Change	Diffuse, Mild
Lung		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Skin		Hemorrhage	Minimal
		Necrosis	Mild
Spleen		Depletion Lymphoid	Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Lymph Node
Nose	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland	
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
Pancreas	Acinus	Atrophy	Minimal
Skin		Basosquamous Tumor Benign	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Seminif Tub	Giant Cell	Minimal
	Interstit Cell	Hyperplasia	Minimal
		Spermatocoele	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40

TRT#: 3

SEX: Male

DAY ON TEST: 734

DOSE: 0.2 G/KG 46 HM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Angiectasis	Minimal
	Mediastinal	Pigmentation	Minimal
Salivary Glands		Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Stomach	Forestomach	Hyperkeratosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Adrenal Gland	Mammary Gland	Preputial Gland	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinus	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 2

SEX: Male

DAY ON TEST: 537

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Clear Cell Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Inflammation	Chronic Active, Mild
Mesentery	Fat	Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Stomach			
Note: THE SEROSAL SURFACE			
Note: YELLOW FAT, A FEW BILE DUCTS, AND HEPATOCYTES ON			
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 3

SEX: Male

DAY ON TEST: 499

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Harderian Gland	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	

MISSING

Epididymis	Nose	Preputial Gland	Salivary Glands
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OBSERVATIONS

Kidney		Hydronephrosis	Minimal
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Hemorrhage	Marked
		Necrosis	Marked

Note: BLOOD FOUND IN BLADDER

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 429
	DOSE: VEHICLE 46 VM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach	Thymus
Thyroid Gland	Trachea		

PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
Lung		Edema	Minimal
Lymph Node	Mediastinal	Angiectasis	Mild
Mammary Gland		Galactocele	
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Prostate		Inflammation	Acute, Marked
Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Minimal
Urinary Bladder		Hemorrhage	Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 2	SEX: Male	DAY ON TEST: 621
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Preputial Gland	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Prostate		Inflammation	Chronic Active, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 2 DOSE: 0.1 G/KG 46 LM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Bilateral, Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 3

SEX: Male

DAY ON TEST: 229

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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PRESENT BUT NOT EXAMINED

Epididymis	Nose	Preputial Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Moderate
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Stomach	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Adenoma	
		Cyst	
		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lung		Inflammation	Chronic Active, Mild
Preputial Gland		Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Tribromomethane
 CAS Number: 75-25-2

Date Report Requested: 10/23/2014
 Time Report Requested: 11:48:27
 First Dose M/F: NA / NA
 Lab: TSI MASON

ANIMAL ID: 43

TRT#: 2

SEX: Male

DAY ON TEST: 659

DOSE: 0.1 G/KG 46 LM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Preputial Gland	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Minimal
Heart		Cardiomyopathy Leukemia Mononuclear	Mild
Intestine Large		Parasite	Minimal
Kidney		Leukemia Mononuclear Nephropathy	Minimal
Liver	Bile Duct	Fatty Change Hyperplasia Leukemia Mononuclear Neoplastic Nodule	Focal, Minimal Minimal
Lung		Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia Leukemia Mononuclear	Minimal
Prostate	Epithelium	Hyperplasia	Minimal
Skin	Subcut Tiss	Fibrosarcoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell Seminif Tub	Adenoma Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 2

SEX: Male

DAY ON TEST: 659

DOSE: 0.1 G/KG 46 LM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Interstit Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.2 G/KG 46 HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mesentery	Nose
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Eosinophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44 TRT#: 1 SEX: Male DAY ON TEST: 688
DOSE: VEHICLE 46 VM DISP: Moribund Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Pituitary Gland	Preputial Gland	Salivary Glands
Seminal Vesicle	Skeletal Muscle	Stomach	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
Mesentery	Fat	Necrosis	Minimal
Prostate		Inflammation	Chronic Active, Mild
Skin	Subcut Tiss	Sarcoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Small	Lung	Lymph Node	Nose
Pancreas	Preputial Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland	Prostate	Seminal Vesicle
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Epididymis		Mesothelioma Benign	
Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Nose			
Note: BLOOD IN NASAL CAVITY			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Tunic	Mesothelioma Benign	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 3	SEX: Male	DAY ON TEST: 734
	DOSE: 0.2 G/KG 46 HM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Pancreas	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 514

DOSE: VEHICLE 46 VM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone Marrow	Brain	Epididymis
Islets, Pancreatic	Kidney	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Trachea

MISSING

Esophagus	Preputial Gland	Stomach	Thymus
Thyroid Gland			

AUTO PRECLUDES DIAG.

Intestine Small

OBSERVATIONS

Bone	Joint, Tarsal	Hyperostosis	Minimal
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Inflammation	Chronic Active, Moderate
Liver		Basophilic Focus	
Lung		Edema	Minimal
Note: PULMONARY EDEMA.			
Note: PROTEINACEOUS MATERIAL IN ALVEOLI SUGGESTS			
Prostate		Inflammation	Chronic Active, Moderate
Skin	Subcut Tiss	Fibroma	
		Necrosis	Marked
Note: FIBROMA IS LOCATED ON THE NOSE.			
Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 2

SEX: Male

DAY ON TEST: 714

DOSE: 0.1 G/KG 46 LM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Stomach	Thymus	Thyroid Gland	Trachea

MISSING

Mammary Gland	Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Edema	Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 3	SEX: Male	DAY ON TEST: 393
	DOSE: 0.2 G/KG 46 HM	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Epididymis
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Pancreas	Prostate	Seminal Vesicle
Skin	Spleen	Stomach	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland	Parathyroid Gland	Pituitary Gland
Salivary Glands	Thymus	Thyroid Gland	

PRESENT BUT NOT EXAMINED

Nose	Preputial Gland
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OBSERVATIONS

Bone Marrow		Lymphoma Malignant Lymphocytic	
Liver		Fatty Change	Focal, Mild
Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
Testes	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	Multiple
Note: PROLIFERATION OF FUSIFORM CELLS IN#14			
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 2

SEX: Male

DAY ON TEST: 736

DOSE: 0.1 G/KG 46 LM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Necrosis	Mild
Prostate		Inflammation	Chronic Active, Mild
		Mineralization	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 3

SEX: Male

DAY ON TEST: 714

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Seminal Vesicle	Skin
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal

Note: SUGGESTION OF NEOPLASTIC NODULE.

Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate	Epithelium	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Preputial Gland	Bilateral	Carcinoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47 TRT#: 2 SEX: Male DAY ON TEST: 736
DOSE: 0.1 G/KG 46 LM DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Mammary Gland	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Esophagus	Nose	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Neoplastic Nodule	
Lung		Infiltration Cellular	Histiocyte, Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Seminif Tub	Giant Cell	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Moderate
		Necrosis	Minimal
Nose	Nasolacrim Dct	Inflammation	Mild
Preputial Gland		Carcinoma	
Note: SUBCUTANEOUS MASS IS PREPUTIAL GLAND CARCINOMA.			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Ulcer	Mild
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Islets, Pancreatic	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Preputial Gland		Adenoma	
		Necrosis	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 2	SEX: Male	DAY ON TEST: 736
	DOSE: 0.1 G/KG 46 LM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Preputial Gland		Inflammation	Chronic Active, Minimal
Skin	Sebaceous GI	Adenoma	
	Subcut Tiss	Fibroma	
Note: MORE LIKE A SEBACEOUS-SQUAMOUS CELL TUMOR			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 3

SEX: Male

DAY ON TEST: 636

DOSE: 0.2 G/KG 46 HM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Parathyroid Gland	Seminal Vesicle	Skin
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Minimal
Brain	Brain Stem Cerebrum, White Matter	Leukemia Mononuclear Vacuolization Cytoplasmic Vacuolization Cytoplasmic	Minimal Minimal
Kidney	Renal Tubule	Adenocarcinoma Fibrosis Leukemia Mononuclear Necrosis Nephropathy	Minimal Minimal
Liver		Fatty Change Hepatocellular Carcinoma Leukemia Mononuclear	Diffuse, Mild
Lung		Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
Lymph Node	Mediastinal Mesenteric Pancreatic	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Pancreas	Acinus	Hyperplasia	Minimal

Note: THE TUBULAR FORM, AND GROWS AS SHEETS IN AREAS,
Note: AND AS NESTS SEPARATED BY LOOSE CONNECTIVE TISSUE
Note: CINOMA. THIS IS AN EXPANSIVE NEOPLASM AND RETAINS
Note: THE NEOPLASMIN THE KIDNEY IS A TUBULAR ADENOCAR-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 3 DOSE: 0.2 G/KG 46 HM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 636 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Artery Pars Distalis	Thrombosis Hyperplasia Leukemia Mononuclear	Minimal
Prostate		Inflammation Metaplasia Mineralization	Chronic Active, Mild Squamous, Minimal Minimal
Salivary Glands	Duct Duct	Inflammation Metaplasia	Chronic Active, Minimal Squamous, Mild
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Inflammation	Chronic Active, Minimal
Testes	Interstit Cell Tunic	Hyperplasia Mesothelioma Malignant Leukemia Mononuclear	Minimal
Thymus		Hemorrhage	Minimal
Urinary Bladder	Transit Epithe	Hyperplasia Inflammation Necrosis	Minimal Chronic Active, Minimal Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 1	SEX: Male	DAY ON TEST: 742
	DOSE: VEHICLE 46 VM	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
		Mixed Cell Focus	
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Prostate		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 2

SEX: Male

DAY ON TEST: 607

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Epididymis
Intestine Large	Intestine Small	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Seminal Vesicle
Skin	Stomach	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Focal Cellular Change	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Chronic Active, Minimal
Prostate		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Minimal
Salivary Glands	Duct	Ectasia	Minimal
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 2	SEX: Male	DAY ON TEST: 607
	DOSE: 0.1 G/KG 46 LM	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49 TRT#: 3 SEX: Male DAY ON TEST: 603
DOSE: 0.2 G/KG 46 HM DISP: Natural Death HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach	Thymus	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Pigmentation	Minimal
Nose		Inflammation	Chronic Active, Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large	Intestine Small	Lymph Node	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Adrenal Gland	Esophagus	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Hyperplasia	Multifocal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Preputial Gland		Adenoma	
Skin		Necrosis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Moderate
	Forestomach	Hyperkeratosis	Moderate
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Necrosis	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:27
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 742

DOSE: VEHICLE 46 VM

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50

TRT#: 2

SEX: Male

DAY ON TEST: 632

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Prostate	Salivary Glands	Seminal Vesicle
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Preputial Gland		Adenoma	
Skin		Cyst	
		Inflammation	Chronic Active, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
	Seminif Tub	Giant Cell	Minimal
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 2

SEX: Male

DAY ON TEST: 632

DOSE: 0.1 G/KG 46 LM

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 3

SEX: Male

DAY ON TEST: 601

DOSE: 0.2 G/KG 46 HM

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Nose	Pituitary Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mediastinal	Angiectasis	Minimal
	Mediastinal	Pigmentation	Minimal
Pancreas	Acinus	Atrophy	Minimal
Preputial Gland		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Ovary	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Clitoral Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1	TRT#: 5	SEX: Female	DAY ON TEST: 279
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland	Parathyroid Gland	Thymus	Thyroid Gland
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Marked
Note: A FEW SCLEROSSED GLOMERULI			
Liver		Hepatodiaphragmatic Nodule	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 1	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Nose	Skin	Thymus	Thyroid Gland
Trachea	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye	Lens	Cataract	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: PROBABLY A LYMPHOCYTIC LEUKEMIA			
Mammary Gland		Fibroadenoma	
Ovary		Cyst	
		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Intermed	Cyst	
Salivary Glands		Inflammation	Chronic Active, Minimal
Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 2	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Fibrosis	Minimal
	Colon	Necrosis	Moderate
Kidney		Nephropathy	Minimal
Liver		Mixed Cell Focus	
		Necrosis	Minimal
Note: CLEAR, PROBABLY CENTILOBULAR OR MIDZONAL			
Note: A FEW LANGHANS TYPE GIANT CELLS. DISTRIBUTION NOT			
Mammary Gland		Fibroadenoma	
		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Salivary Glands	Skin	Thyroid Gland	Trachea

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 2	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Intestine Large	Polyp Adenomatous	
Kidney	Nephropathy	Mild
Liver	Fatty Change	Focal, Mild
	Mixed Cell Focus	
Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3	TRT#: 5 DOSE: 0.1 G/KG 46 LF	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 618 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Liver	Lymph Node	Nose
Ovary	Pancreas	Pituitary Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Clitoral Gland	Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Mild
Salivary Glands	Duct	Ectasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 3 TRT#: 6 SEX: Female DAY ON TEST: 714
DOSE: 0.2 G/KG 46 HF DISP: Moribund Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Clear Cell Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
	Note: FIBROUS CAPSULE. CHANGES SUGGESTIVE OF		
	Note: SIALODACRYOADENITIS		
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Urinary Bladder		Hemorrhage	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 4	TRT#: 4	SEX: Female	DAY ON TEST: 651
	DOSE: VEHICLE 46 VF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Note: SUGGESTION OF A NEOPLASTIC NODULE			
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Mammary Gland		Galactocele	
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 5	SEX: Female	DAY ON TEST: 687
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Kidney	Lymph Node
Ovary	Pancreas	Salivary Glands	Stomach
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Necrosis	Minimal
Mammary Gland		Fibroadenoma	
Pancreas			
Note: ISLAND OF HEPATOCYTES			
Pituitary Gland	Pars Distalis	Cyst	
Skin	Subcut Tiss	Sarcoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 4	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland

OBSERVATIONS

Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Acanthosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 4	SEX: Female	DAY ON TEST: 642
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Brain	Brain Stem	Hemorrhage	Mild
	Cerebellum	Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Galactocele	
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
Note: ? HYPERPLASIA OR ADENOMA ?			
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
Thymus	Epithel Cell	Thymoma Nos	
Note: EPITHELIAL TYPE			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 5 DOSE: 0.1 G/KG 46 LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Pituitary Gland	Salivary Glands	Skin	Stomach
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Mixed Cell Focus	
Note: SUGGESTION OF NEOPLASTIC NODULES IN SECTIONS MARKED			
Mammary Gland		Fibroadenoma	
Uterus			
Note: DEBRIS IN THE LUMEN			

PRIMARY CAUSE OF DEATH -

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 5	TRT#: 6	SEX: Female	DAY ON TEST: 736
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Mixed Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 4	SEX: Female	DAY ON TEST: 671
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Nose	Ovary	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Lymph Node	Mediastinal	Pigmentation	Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Intermed	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 5 DOSE: 0.1 G/KG 46 LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Kidney	Lymph Node
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Liver	Bile Duct	Hyperplasia Mixed Cell Focus	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 6	SEX: Female	DAY ON TEST: 713
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Salivary Glands	Skin	Stomach
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large		Polyp Adenomatous	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: MORE LIKE LYMPHOCYTIC LEUKEMIA			
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Note: MORE LIKE LYMPHOCYTIC LEUKEMIA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 6	TRT#: 6 DOSE: 0.2 G/KG 46 HF	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 713 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	Follicular Cel	Carcinoma	
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Note: BLOOD IN RENAL PELVIS			
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	Multiple
Note: SUGGESTION OF LACTATING ADENOMA IN AREAS			
Ovary		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7	TRT#: 5	SEX: Female	DAY ON TEST: 538
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Liver	Lymph Node
Ovary	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	

MISSING

Clitoral Gland	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland			

OBSERVATIONS

Adrenal Gland		Necrosis	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Transit Epithe	Hyperplasia	Mild
Note: SUGGESTION OF HYDRONEPHROSIS IN ONE KIDNEY			
Lung		Inflammation	Chronic Active, Minimal
Nose		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Marked
		Mineralization	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 7 TRT#: 6 SEX: Female DAY ON TEST: 737
DOSE: 0.2 G/KG 46 HF DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Skin		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Minimal
	Glandular	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Note: SUGGESTION OF LEUKEMIA			
Mammary Gland		Galactocele	
Mesentery	Fat	Necrosis	Moderate
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Note: LARGE COLLOID CYSTS			
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Islets, Pancreatic Thyroid Gland	Lymph Node	Pancreas	Salivary Glands
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MISSING

Skin

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Neoplastic Nodule	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Uterus		Polyp Stromal	
Vagina		Squamous Cell Carcinoma	

Note: THE NEOPLASM PROBABLY INVOLVES BOTH CERVIX & VAGINA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 8	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mesenteric	Pigmentation	Minimal
	Pancreatic	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Note: COLLOID CYSTS.			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 9

TRT#: 4

SEX: Female

DAY ON TEST: 661

DOSE: VEHICLE 46 VF

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Ovary	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Nose	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets Panc			
Note: A FEW LARGE ISLETS; MITOTIC FIGURES IN ONE OR TWO			
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Necrosis	Moderate
Mammary Gland		Galactocele	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Pigmentation	Moderate
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
Thyroid GI			
Note: INGROWTH OF EPITHELIUM IN A FEW FOLLICLES			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Trachea	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	

Note: SUGGESTION OF NEOPLASTIC NODULES

Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Stomach	Forestomach	Hyperkeratosis	Mild
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 9	TRT#: 6	SEX: Female	DAY ON TEST: 173
	DOSE: 0.2 G/KG 46 HF	DISP: Gavage Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Liver	Lymph Node
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Uterus		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland	Urinary Bladder
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Lung	Infiltration Cellular	Histiocyte, Minimal
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PRIMARY CAUSE OF DEATH -

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Kidney	Lymph Node
Mammary Gland	Nose	Pancreas	Salivary Glands
Skin	Spleen	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Liver		Hepatodiaphragmatic Nodule	
Lung		Inflammation	Chronic Active, Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	Multiple
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Pituitary Gland	Salivary Glands
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	

Note: SUGGESTION OF A NEOPLASTIC NODULE

Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 10	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Intestine Large		Adenocarcinoma	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF LEUKEMIA.			
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 739
DOSE: VEHICLE 46 VF **DISP:** Natural Death **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Mammary Gland
Nose	Salivary Glands	Skin	Thyroid Gland
Trachea	Uterus		

MISSING

Clitoral Gland	Parathyroid Gland	Thymus	
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AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small	Islets, Pancreatic	Pancreas
Urinary Bladder			

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: COULD AS WELL BE A LYMPHOMA			
Nose			
Note: CELLULAR INFILTRATES			
Ovary		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 4

SEX: Female

DAY ON TEST: 739

DOSE: VEHICLE 46 VF

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Lymph Node	Mammary Gland	Pancreas
Salivary Glands	Trachea	Uterus	

OBSERVATIONS

Islets, Pancreatic Note: ECTOPIC TISSUE HEPATIC		Ectopic Tissue	
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Skin		Hyperkeratosis	Minimal
Thyroid Gland	Follicular Cel	Carcinoma	
		Necrosis	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 11	TRT#: 6	SEX: Female	DAY ON TEST: 543
	DOSE: 0.2 G/KG 46 HF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Islets, Pancreatic	Kidney	Lymph Node
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach
Thymus	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland	Thyroid Gland	
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AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small		
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Necrosis	Mild
Note: SUGGESTION OF BRIDGING			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Moderate
Trachea		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 4	SEX: Female	DAY ON TEST: 639
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Mesentery	Fat	Necrosis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 5	SEX: Female	DAY ON TEST: 735
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Pancreas	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

MISSING

Pituitary Gland

OBSERVATIONS

Kidney	Transit Epithe	Cyst Hyperplasia Nephropathy	Mild Minimal
Liver	Bile Duct	Fatty Change Hyperplasia Mixed Cell Focus Neoplastic Nodule	Focal, Minimal Mild
Mammary Gland		Fibroadenoma	
Stomach	Forestomach	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 12	TRT#: 6	SEX: Female	DAY ON TEST: 483
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lymph Node	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

PRESENT BUT NOT EXAMINED

Nose

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Salivary Glands	Duct	Ectasia	Minimal
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Note: APPEARS LIKE AN ADENOMA IN AREAS			
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 5 DOSE: 0.1 G/KG 46 LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Pituitary Gland		
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OBSERVATIONS

Kidney	Nephropathy	Mild
Liver	Fatty Change	Focal, Mild
	Mixed Cell Focus	
Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 13	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 4

SEX: Female

DAY ON TEST: 701

DOSE: VEHICLE 46 VF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Thymus
Thyroid Gland	Trachea		

MISSING

Mammary Gland	Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
Uterus		Angiectasis	Mild
		Hemorrhage	Minimal
		Inflammation	Chronic Active, Mild
		Leiomyosarcoma	
		Mineralization	Minimal
		Polyp Stromal	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 5	SEX: Female	DAY ON TEST: 722
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Salivary Glands
Skin	Thyroid Gland	Trachea	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Minimal
		Mixed Cell Focus	
		Neoplastic Nodule	
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 14	TRT#: 6	SEX: Female	DAY ON TEST: 664
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Kidney	Transit Epithe	Hyperplasia	Minimal
	Transit Epithe	Metaplasia	Osseous, Minimal
	Transit Epithe	Mineralization	Minimal
		Necrosis	Moderate
		Nephropathy	Mild
		Pelvis, Transit Epithe	Papilloma
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15

TRT#: 5

SEX: Female

DAY ON TEST: 738

DOSE: 0.1 G/KG 46 LF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Mixed Cell Focus	
Note: ? ECTOPIC LIVER ?			
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 15	TRT#: 6	SEX: Female	DAY ON TEST: 665
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Necrosis	Mild
Intestine Large		Polyp Adenomatous	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pancreas	Acinus	Adenoma	
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Lymph Node	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland

OBSERVATIONS

Heart	Cardiomyopathy	Mild
Islets, Pancreatic	Adenoma	
Kidney	Nephropathy	Minimal
Liver	Basophilic Focus	
	Necrosis	Minimal
Lung	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Salivary Glands	Skin	Thyroid Gland	Trachea

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Uterus		Decidual Reaction	
		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 16	TRT#: 6	SEX: Female	DAY ON TEST: 637
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Ovary	Pancreas	Skin	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Intestine Large		Polyp Adenomatous	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Minimal
Nose		Inflammation	Chronic Active, Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Stomach	Forestomach	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: CIRCLED ON SLIDE 3.			
Note: SUGGESTIVE OF NEOPLASTIC NODULE IN THE SECTION			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Ovary		Cyst	
		Mineralization	Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 5	SEX: Female	DAY ON TEST: 128
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Brain	Islets, Pancreatic	Kidney
Lymph Node	Ovary	Pancreas	Pituitary Gland
Skin	Stomach	Uterus	

MISSING

Bone	Bone Marrow	Esophagus	Heart
Liver	Lung	Mammary Gland	Parathyroid Gland
Salivary Glands	Thymus	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small	Urinary Bladder
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Spleen	Pigmentation	Moderate
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PRIMARY CAUSE OF DEATH

-

Animal Note: ANIMAL CANNIBIALIZED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 17	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Pituitary Gland	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Clitoral Gland		Adenoma	
		Necrosis	Mild
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF NEOPLASTIC NODULE IN THE SECTION CIRCLED.			
Mammary Gland		Fibroadenoma	
		Galactocele	
Salivary Glands	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 4	SEX: Female	DAY ON TEST: 629
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Esophagus
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
Lung			
Note: BLOOD IN ALVEOLI			
Mammary Gland		Fibroadenoma	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 5

SEX: Female

DAY ON TEST: 625

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Parathyroid Gland		
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 18	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Harderian Gland	Heart
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Intestine Large	Parasite	Minimal
Kidney	Nephropathy	Mild
Liver	Fatty Change	Focal, Minimal
	Inflammation	Chronic Active, Minimal
	Mixed Cell Focus	
Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Mammary Gland	Nose
Ovary	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose			
Note: BLOOD IN NASAL CAVITY			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 19	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Mammary Gland
Parathyroid Gland	Salivary Glands	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lung		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Pancreas	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Infiltration Cellular	Mast Cell, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Small	Islets, Pancreatic	Kidney	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Trachea
Urinary Bladder	Uterus		

MISSING

Bone Marrow

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney			
Note: FIBROUS CAPSULE AROUND ONE KIDNEY			
Liver		Lymphoma Malignant Histiocytic	
Note: CONSIDERED.			
Note: POSSIBILITY OF KUPFFER CELL SARCOMA TO BE			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Mild
Thymus	Epithel Cell	Hyperplasia	Mild
Thyroid Gland	Follicular Cel	Carcinoma	
Note: NESTS OF TUMOR CELLS IN THICK CAPSULE			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
		Hyperplasia	Multifocal, Mild
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 20

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart	Pericardium	Alveolar/Bronchiolar Carcinoma Cardiomyopathy	Metastatic (Uncertain Primary Site) Minimal
Intestine Large	Cecum	Inflammation	Acute, Minimal
Kidney		Cyst Nephropathy	Mild
Liver		Basophilic Focus Fatty Change Inflammation	Diffuse, Mild Chronic Active, Minimal
Lung		Leukemia Mononuclear Alveolar/Bronchiolar Carcinoma	Multiple
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 4	SEX: Female	DAY ON TEST: 659
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Trachea	Urinary Bladder		

MISSING

Uterus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Moderate
	Bile Duct	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Note: SIZE OF THE GLAND			
Note: A FAIRLY UNIFORM POPULATION OF CELLS DESPITE THE			
Spleen		Pigmentation	Mild
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Minimal
Note: A SMALL PORTION OF THE EPITHELIUM OF THE			
Note: FORESTOMACH IS MISSING. ? NECROSIS OR ARTIFACT			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 5	SEX: Female	DAY ON TEST: 677
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large	Islets, Pancreatic	Mammary Gland	Pancreas
Salivary Glands	Skin	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 21	TRT#: 6	SEX: Female	DAY ON TEST: 721
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Skin	Stomach	Thyroid Gland	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Note: BRIDGING IN AREAS.			
Lung			
Note: MUCINOUS MATERIAL IN A FEW BRONCHIOLES.			
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Pigmentation	Mild
Trachea		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Ovary	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Note: COLLOID CYSTS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 22	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Pancreas	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 6

SEX: Female

DAY ON TEST: 555

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland

OBSERVATIONS

Eye		Synechia	Mild
Harderian Gland		Abscess	Mild
	Duct	Metaplasia	Squamous, Mild
Kidney		Nephropathy	Minimal
Note: A FEW SCLEROSSED GLOMERULI, NECROTIC DEBRIS IN SOME TUBULES			
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Minimal
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Moderate
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Ulcer	Mild
Uterus		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Lung
Lymph Node	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Mammary Gland	Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Brain	Brain Stem	Hemorrhage	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Mammary Gland	Pancreas
Salivary Glands	Skin	Thyroid Gland	Trachea

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
Lung		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 23	TRT#: 6	SEX: Female	DAY ON TEST: 618
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lung	Lymph Node
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Brain		Astrocytoma Malignant	
	Cerebellum	Hemorrhage	Minimal
	Cerebellum	Inflammation	Chronic Active, Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Ectasia	Mild
	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Stomach	Glandular	Hyperplasia	Lymphoid, Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 5	SEX: Female	DAY ON TEST: 603
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Islets, Pancreatic	Lymph Node
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large	Intestine Small
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 24	TRT#: 6	SEX: Female	DAY ON TEST: 602
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Mammary Gland	Ovary	Pancreas	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Moderate
		Inflammation	Chronic Active, Minimal
Nose		Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 4	SEX: Female	DAY ON TEST: 629
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
Lung		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Spleen		Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 5

SEX: Female

DAY ON TEST: 576

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Necrosis	Minimal
Intestine Small	Lymphoid Nodul	Mineralization	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 25	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Uterus		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 4	SEX: Female	DAY ON TEST: 686
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Nose	Parathyroid Gland	Pituitary Gland	
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Mammary Gland		Fibroadenoma	
		Galactocele	
Pancreas	Acinus	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Urinary Bladder		Hemorrhage	Mild
		Inflammation	Chronic Active, Mild
		Necrosis	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Salivary Glands	Skin	Thyroid Gland
Trachea	Uterus		

OBSERVATIONS

Intestine Large		Polyp Adenomatous	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	
		Galactocele	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 26	TRT#: 6	SEX: Female	DAY ON TEST: 737
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Note: LARGE COLLOID CYSTS			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 5 DOSE: 0.1 G/KG 46 LF	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 738 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Mammary Gland	Salivary Glands
Skin	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Mixed Cell Focus	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 27	TRT#: 6	SEX: Female	DAY ON TEST: 722
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Pancreas	Skin	Stomach
Thymus	Thyroid Gland	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Moderate
Lung		Inflammation	Chronic Active, Mild
Lymph Node	Mediastinal	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Trachea		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 28	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pituitary Gland
Salivary Glands	Skin	Thyroid Gland	Trachea
Uterus			

MISSING

Mammary Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
		Hyperplasia	Multifocal, Mild
		Mixed Cell Focus	
		Neoplastic Nodule	
Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Pituitary Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Ovary		Cyst	
Salivary Glands	Duct	Ectasia	Mild
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29 TRT#: 4 SEX: Female DAY ON TEST: 742
DOSE: VEHICLE 46 VF DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Mild
		Necrosis	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
		Mixed Cell Focus	
		Necrosis	Minimal
Note: SUGGESTION OF NEOPLASTIC NODULE IN SECTION CIRCLED			
Lung		Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	Multiple
Mesentery	Fat	Necrosis	Mild
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 29	TRT#: 5	SEX: Female	DAY ON TEST: 738
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
Note: ? LYMPHOCYTIC LEUKEMIA ?			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Mammary Gland
Nose	Ovary	Parathyroid Gland	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart			
Note: NEUTROPHILS AND PIGMENT IN VENTRICLES			
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Diffuse, Mild
		Mixed Cell Focus	
Lung			
Note: NEUTROPHILS IN BLOOD VESSELS			
Lymph Node	Mesenteric	Depletion Lymphoid	Mild
Pancreas	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Uterus			
Note: ACANTHOTIC AND NECROTIC MATERIAL IN CERVIX			
Note: ADJOINING CERVIX IS A CYST LINED BY SQUAMOUS EPI-			
Note: PHILS FILL THE LUMEN.			
Note: THELIUM. DESQUAMATED MATERIAL AND A FEW NEUTRO-			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
Mammary Gland		Adenocarcinoma	Multiple
		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
Note: PROBABLY A CARCINOMA			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 5

SEX: Female

DAY ON TEST: 618

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Heart
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Esophagus
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Lumbar	Pigmentation	Mild
Ovary		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 30	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Intestine Large		Polyp Adenomatous	
Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Islets, Pancreatic	Nose	Skin	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Intestine Large		Leukemia Mononuclear	
Intestine Small		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Focal, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: STARRY-SKIED APPEARANCE IN SOME LYMPH NODES			
Mammary Gland		Galactoceles	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Salivary Glands		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach

Leukemia Mononuclear

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

Uterus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 31	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Skin	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 6

SEX: Female

DAY ON TEST: 737

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Lymph Node	Mammary Gland
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OBSERVATIONS

Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Neoplastic Nodule	Multiple
Note: NODULE WITHIN NODULE. ? HEPATOMA ?			
Lung		Infiltration Cellular	Histiocyte, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen			
Note: SUGGESTIVE OF LEUKEMIA.			
Note: ? LEUKEMIA ?			
Stomach	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: VEHICLE 46 VF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Brain	Esophagus
Kidney	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Clitoral Gland	Islets, Pancreatic	Mammary Gland	Pancreas
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large	Intestine Small	Spleen
Urinary Bladder			

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Fatty Change	Diffuse, Mild
		Hyperplasia	Multifocal, Mild
		Inflammation	Chronic Active, Moderate
		Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 32	TRT#: 5	SEX: Female	DAY ON TEST: 52
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Liver	Lymph Node	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach	Thyroid Gland	Trachea	Uterus

MISSING

Mammary Gland	Thymus
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Lung		Inflammation	Chronic Active, Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Depletion Lymphoid	Mild
Urinary Bladder		Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Mammary Gland
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OBSERVATIONS

Intestine Large		Polyp Adenomatous	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Hyperplasia	Multifocal, Mild
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mesenteric	Depletion Lymphoid	Minimal
Salivary Glands	Duct	Ectasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pituitary Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 5	SEX: Female	DAY ON TEST: 653
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Eye	Islets, Pancreatic	Pancreas
Skin	Trachea		

OBSERVATIONS

Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
		Leukemia Mononuclear	
Pituitary Gland		Leukemia Mononuclear	
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Necrosis	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 33	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Small	Islets, Pancreatic	Lymph Node
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Mammary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Kidney	Renal Tubule	Adenoma	
		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 4	SEX: Female	DAY ON TEST: 741
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Note: COLLOID CYSTS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Clitoral Gland		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
Note: SUGGESTION OF NEOPLASTIC NODULE			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Acanthosis	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 34	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Spleen	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Note: SUGGESTION OF NEOPLASTIC NODULE IN SECTION CIRCLED			
Ovary		Granulosa Cell Tumor	
Salivary Glands	Duct	Ectasia	Minimal
Uterus		Hemorrhage	Mild

Note: BLOOD IN UTERINE HORN

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 4

SEX: Female

DAY ON TEST: 742

DOSE: VEHICLE 46 VF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Salivary Glands	Skin	Stomach
Trachea	Uterus		

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large		Parasite	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
Note: MORE LIKE LYMPHOCYTIC THAN MONONUCLEAR CELL LEUKEMIA			
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35

TRT#: 5

SEX: Female

DAY ON TEST: 585

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Skin	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 35	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Note: A FEW ANITSCHKOW MYOCYTES AND A FEW FUSIFORM CELLS			
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 36	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lung	Lymph Node
Pancreas	Pituitary Gland	Salivary Glands	Skin
Thyroid Gland	Trachea	Uterus	

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Galactocele	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Skin	Spleen
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Adenoma	
		Necrosis	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Ectasia	Mild
	Acinus	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

Note: DOES THAT INDICATE CARCINOMA ?

Note: A FEW SPINDLE-SHAPED CELLS IN THE TUMOR.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Pancreas	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 37	TRT#: 5	SEX: Female	DAY ON TEST: 607
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Trachea	Uterus

MISSING

Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland
Intestine Large
Lymph Node
Skin
Trachea

Bone
Intestine Small
Nose
Stomach
Uterus

Bone Marrow
Islets, Pancreatic
Ovary
Thymus

Brain
Lung
Salivary Glands
Thyroid Gland

MISSING

Clitoral Gland
Urinary Bladder

Esophagus

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Heart
Kidney
Liver

Cardiomyopathy
Nephropathy
Fatty Change
Inflammation
Neoplastic Nodule

Minimal
Moderate
Focal, Minimal
Chronic Active, Minimal

Pancreas

Acinus
Acinus

Adenoma
Hyperplasia

Multiple
Minimal

Note: THREE ENCAPSULATED NODULES

Pituitary Gland

Pars Distalis
Pars Distalis

Adenoma
Angiectasis

Moderate

Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Nose
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
Note: ? LEUKEMIA OR HEMATOPOIESIS ?			
Mammary Gland		Fibroadenoma	
		Galactocele	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Cyst	
Note: COLLOID CYSTS			
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Salivary Glands	Skin	Trachea	Uterus

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Note: ? ADENOMA ?			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 38	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Adenocarcinoma	
Kidney		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: VEHICLE 46 VF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: MORE LIKE LYMPHOCYTIC THAN MONONUCLEAR CELL LEUKEMIA			
Mammary Gland		Galactocele	
Ovary		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Stomach		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Mammary Gland
Pancreas	Salivary Glands	Skin	Trachea
Uterus			

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	Follicular Cel	Cyst	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 39	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Nephropathy	Mild
Note: A FEW SCLEROSED GLOMERULI		
Liver	Fatty Change	Focal, Mild
	Inflammation	Chronic Active, Minimal
	Mixed Cell Focus	
Lung	Infiltration Cellular	Histiocyte, Minimal
Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal
Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Mammary Gland
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OBSERVATIONS

Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Necrosis	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 5

SEX: Female

DAY ON TEST: 628

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pituitary Gland	Skin
Stomach	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Chronic Active, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Cyst	
		Fatty Change	Diffuse, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Minimal
Mesentery	Fat	Necrosis	Mild
Pancreas	Acinus	Atrophy	Minimal
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 40	TRT#: 6	SEX: Female	DAY ON TEST: 428
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland

PRESENT BUT NOT EXAMINED

Clitoral Gland Nose

OBSERVATIONS

Eye		Inflammation	Acute, Moderate
Note: MORE KERATITIS AND PANOPHTHALMITIS			
Harderian Gland		Abscess	Marked
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Moderate
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mediastinal	Infiltration Cellular	Mast Cell, Minimal
	Mediastinal	Pigmentation	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Ovary	Interstitial	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 41 TRT#: 5 SEX: Female DAY ON TEST: 740
DOSE: 0.1 G/KG 46 LF DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Thyroid Gland
Trachea	Uterus		

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Artery	Necrosis	Fibrinoid, Mild
Pancreas	Acinus	Atrophy	Mild
	Acinus	Carcinoma	
	Artery	Inflammation	Chronic Active, Minimal
	Artery	Necrosis	Fibrinoid, Mild
	Artery	Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 6

SEX: Female

DAY ON TEST: 319

DOSE: 0.2 G/KG 46 HF

DISP: Natural Death

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Kidney	Necrosis	Mild
	Nephropathy	Moderate
	Sarcoma	

Note: RENAL TISSUE IS NOT RECOGNIZABLE IN ANY OF THE

Note: ROUND CELLS. CYTOPLASM IS EOSINOPHILLIC. NUCLEI

Note: PRISES OF A UNIFORM POPULATION OF FUSIFORM AND

Note: SECTIONS. NEOPLASM IS WELL VASCULARIZED AND COM-

Note: HAVE STIPPLED OR COARSE CHROMATIN.

Liver	Fatty Change	Focal, Minimal
Spleen	Depletion Lymphoid	Minimal
	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Clitoral Gland		Necrosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 42	TRT#: 5	SEX: Female	DAY ON TEST: 687
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Intestine Large	Islets, Pancreatic	Mammary Gland
Pancreas	Skin	Trachea	Uterus
Vagina			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia Leukemia Mononuclear	Minimal
Eye	Lens	Cataract	
	Lens	Synechia	Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Pancreatic	Infiltration Cellular	Plasma Cell, Mild
Pituitary Gland		Leukemia Mononuclear	
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Stomach	Forestomach	Ulcer	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 6

SEX: Female

DAY ON TEST: 663

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Pancreas	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Diffuse, Mild
		Hyperplasia	Diffuse, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: A FEW NEUTROPHILS IN BLOOD VESSELS			
Lymph Node	Mediastinal	Congestion	Mild
	Mandibular	Hematopoietic Cell Proliferation	Minimal
	Mediastinal	Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: VEHICLE 46 VF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large	Intestine Small	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Brain	Cerebellum	Hemorrhage	Moderate
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Nephropathy	Minimal
		Fatty Change	Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
		Necrosis	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 43	TRT#: 5	SEX: Female	DAY ON TEST: 638
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Kidney	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Clitoral Gland		Carcinoma	
Heart		Cardiomyopathy	Minimal
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
Lung		Carcinoma	Metastatic (Clitoral Gland)
		Infiltration Cellular	Histiocyte, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 6

SEX: Female

DAY ON TEST: 738

DOSE: 0.2 G/KG 46 HF

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland	Inflammation	Chronic Active, Minimal
Kidney	Nephropathy	Mild
Liver	Fatty Change	Focal, Minimal
	Inflammation	Chronic Active, Minimal
	Mixed Cell Focus	
Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
Thymus	Infiltration Cellular	Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Intestine Large	Intestine Small	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Esophagus	Parathyroid Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Nose			
Note: BLOOD IN NASAL CAVITY			
Skin	Subcut Tiss	Fibrosarcoma	
Note: FIBROSARCOMA IS LOCATED ON THE EAR.			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Lymph Node	Pancreas
Salivary Glands	Skin	Uterus	

MISSING

Thyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
		Mixed Cell Focus	
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
		Necrosis	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 44	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Pancreas
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Chronic Active, Minimal
Note: AN EPIDERMAL INCLUSION CYST			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Lung		Alveolar/Bronchiolar Adenoma	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Nose
Salivary Glands	Skin	Stomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic Active, Mild
		Necrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Ovary		Cyst	
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus		Necrosis	Moderate
		Polyp Stromal	

Note: AN ACELLULAR RED NECROTIC MASS

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 45	TRT#: 5	SEX: Female	DAY ON TEST: 49
	DOSE: 0.1 G/KG 46 LF	DISP: Natural Death	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Small	Islets, Pancreatic	Kidney
Lung	Lymph Node	Ovary	Pancreas
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Mammary Gland	Parathyroid Gland	Pituitary Gland	
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PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose		
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large	Colon	Necrosis	Minimal
Liver		Hepatodiaphragmatic Nodule	
Salivary Glands	Duct	Metaplasia	Squamous, Minimal
Spleen		Depletion Lymphoid	Minimal
Stomach	Glandular	Necrosis	Minimal
Thymus			

Note: A FEW NEUTROPHILS AND MAST CELLS

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 6

SEX: Female

DAY ON TEST: 713

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	

Note: SUGGESTION OF BRIDGING IN AREAS

Note: POSSIBLE NEOPLASTIC NODULE IN SECTION CIRCLED

Lung		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 4	SEX: Female	DAY ON TEST: 742
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Lymph Node
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Mixed Cell Focus	
Note: SUGGESTIVE OF LEUKEMIA			
Mammary Gland		Fibroadenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Mammary Gland	Pituitary Gland
Salivary Glands	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Esophagus			
Note: BLOOD IN ESOPHAGUS			
Eye	Lens	Cataract	
	Lens	Synechia	Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	
		Fatty Change	Focal, Minimal
Lymph Node	Pancreatic	Infiltration Cellular	Plasma Cell, Mild
Ovary		Granulosa Cell Tumor	
		Necrosis	Mild
Pancreas	Artery	Necrosis	Fibrinoid, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 46	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Mammary Gland	Nose
Ovary	Pancreas	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large		Parasite	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Salivary Glands	Duct	Ectasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 4	SEX: Female	DAY ON TEST: 610
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Nose	Ovary	Skin
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Parathyroid Gland	Salivary Glands	Thymus
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Fatty Change	Diffuse, Marked
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: ATELECTATIC IN AREAS, CONTAINS CHOLESTEROL CLEFTS.			
Mammary Gland		Fibroadenoma	
		Galactocele	
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
Spleen		Depletion Lymphoid	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Stomach	Forestomach	Acanthosis	Mild
	Forestomach	Hyperkeratosis	Mild
	Forestomach	Inflammation	Chronic Active, Minimal
	Forestomach	Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 47	TRT#: 5	SEX: Female	DAY ON TEST: 740
	DOSE: 0.1 G/KG 46 LF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Esophagus	Islets, Pancreatic	Mammary Gland	Salivary Glands
Skin	Thyroid Gland	Trachea	Uterus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Cyst	
		Fatty Change	Focal, Mild
		Mixed Cell Focus	
Lymph Node	Mesenteric	Depletion Lymphoid	Minimal
Pancreas	Acinus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Infiltration Cellular	Lymphocyte, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 6

SEX: Female

DAY ON TEST: 722

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Skin
Stomach	Thymus	Thyroid Gland	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Eye	Lens	Cataract	
	Lens	Inflammation	Acute, Mild
Note: ACUTE KERATITIS			
Harderian Gland		Abscess	Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Diffuse, Mild
Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Mild
	Mediastinal	Pigmentation	Minimal
Mesentery	Fat	Necrosis	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Trachea		Inflammation	Acute, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 4	SEX: Female	DAY ON TEST: 743
	DOSE: VEHICLE 46 VF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large	Intestine Small	Islets, Pancreatic
Lung	Lymph Node	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Mild
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Necrosis	Minimal
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48

TRT#: 5

SEX: Female

DAY ON TEST: 577

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Mammary Gland	Nose	Ovary	Pancreas
Skin	Trachea	Urinary Bladder	

MISSING

Adrenal Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Liver		Fatty Change	Diffuse, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Axillary	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
Stomach	Forestomach	Acanthosis	Minimal
	Forestomach	Inflammation	Chronic Active, Mild
	Forestomach	Ulcer	Mild
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 5

SEX: Female

DAY ON TEST: 577

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 48	TRT#: 6	SEX: Female	DAY ON TEST: 640
	DOSE: 0.2 G/KG 46 HF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Nose	Ovary	Pancreas
Pituitary Gland	Skin	Stomach	Thymus
Thyroid Gland	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	
		Fatty Change	Focal, Mild
		Hyperplasia	Focal, Mild
Lung		Inflammation	Chronic Active, Moderate
	Bronchus	Metaplasia	Squamous, Mild
Lymph Node	Mesenteric	Infiltration Cellular	Mast Cell, Minimal
Mammary Gland		Fibroadenoma	
Salivary Glands		Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Depletion Lymphoid	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Trachea		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 49	TRT#: 4	SEX: Female	DAY ON TEST: 630
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Intestine Large	Intestine Small	Islets, Pancreatic
Lymph Node	Ovary	Pancreas	Salivary Glands
Skin	Stomach	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Carcinoma	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	
		Necrosis	Minimal
Lung		Inflammation	Chronic, Minimal
Mammary Gland		Fibroadenoma	
		Galactocele	
Nose	Nasolacrim Dct	Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 5

SEX: Female

DAY ON TEST: 524

DOSE: 0.1 G/KG 46 LF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large	Intestine Small
Islets, Pancreatic	Lung	Lymph Node	Ovary
Pancreas	Skin	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland	Pituitary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Note: MINERALIZATION OF MANY BLOOD VESSELS			
Kidney		Nephropathy	Moderate
Liver		Fatty Change	Focal, Minimal
Mammary Gland		Galactocele	
Nose		Hemorrhage	Minimal
		Inflammation	Chronic Active, Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Stomach	Glandular	Abscess	Mild
	Forestomach	Acanthosis	Minimal
	Forestomach	Hyperkeratosis	Minimal
	Glandular	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Tribromomethane

CAS Number: 75-25-2

Date Report Requested: 10/23/2014

Time Report Requested: 11:48:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 6

SEX: Female

DAY ON TEST: 582

DOSE: 0.2 G/KG 46 HF

DISP: Moribund Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lung	Mammary Gland
Ovary	Pancreas	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Uterus

MISSING

Parathyroid Gland	Urinary Bladder
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OBSERVATIONS

Kidney		Nephropathy	Minimal
Liver		Fatty Change	Focal, Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Mandibular	Infiltration Cellular	Plasma Cell, Minimal
	Mandibular	Pigmentation	Minimal
	Mediastinal	Pigmentation	Mild
Nose		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
Salivary Glands	Duct	Inflammation	Chronic Active, Mild
	Duct	Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 4	SEX: Female	DAY ON TEST: 537
	DOSE: VEHICLE 46 VF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Kidney	Lymph Node	Nose
Pancreas	Pituitary Gland	Salivary Glands	Skin
Stomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Necrosis	Minimal
Liver	Mixed Cell Focus	
Lung	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland	Fibroadenoma	
Ovary	Cyst	
Spleen	Hematopoietic Cell Proliferation	Minimal
Uterus	Sarcoma Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 5	SEX: Female	DAY ON TEST: 341
	DOSE: 0.1 G/KG 46 LF	DISP: Moribund Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large	Intestine Small
Islets, Pancreatic	Liver	Lymph Node	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

PRESENT BUT NOT EXAMINED

Clitoral Gland	Nose
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OBSERVATIONS

Kidney		Nephropathy	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Ovary		Cyst	
Spleen		Pigmentation	Mild
Stomach	Forestomach	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05053-01
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Tribromomethane
CAS Number: 75-25-2

Date Report Requested: 10/23/2014
Time Report Requested: 11:48:28
First Dose M/F: NA / NA
Lab: TSI MASON

ANIMAL ID: 50	TRT#: 6	SEX: Female	DAY ON TEST: 738
	DOSE: 0.2 G/KG 46 HF	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large
Intestine Small	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Kidney	Nephropathy	Mild
Liver	Fatty Change	Focal, Minimal
	Leukemia Mononuclear	
	Mixed Cell Focus	
Lung	Leukemia Mononuclear	
Spleen	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

**** END OF REPORT ****