

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

<b>C Number:</b>	C61983C
<b>Lock Date:</b>	05/25/1994
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	07/30/1997

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 580

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Trachea	

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 7-8 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Hydronephrosis	Minimal
		Leukemia Mononuclear	
		Nephropathy	Mild
[ Hydronephrosis TGLS = 8-4 ]			
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-2 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-3B ]			
[ Leukemia Mononuclear TGLS = 14-9A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 1	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 580 <b>HISTO:</b> MA913021
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ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear Necrosis	Mild
[ Leukemia Mononuclear TGLS = 5,6-3,3A ]			
[ Necrosis TGLS = 11-3A ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 13-15A ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland		Cyst	Mild
Note: SQUAMOUS CYST.			
* Urin Bladder			
Note: TGL 3-NCL			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: THORACIC CAVITY 3 CC RED FLUID, TGL 9-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 726 <b>HISTO:</b> MA913022
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Mineralization	Mild
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 4-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-2,3 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasopharyn Dct	Inflammation	Chronic Active, Marked
	Respirat Epith	Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas		Leukemia Mononuclear	
* Parathyroid GI			
Note: TGL 7-NCL			
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 2	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 726 <b>HISTO:</b> MA913022
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ORGAN AND ACCOUNTABLE SITE STATUS

[ Adenoma TGLS = 8-8 ]			
* Prostate		Inflammation Leukemia Mononuclear	Chronic Active, Moderate
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 10-15,15A ]			
* Stomach, Glandular		Leukemia Mononuclear	
Note: TGL 9-NCL			
* Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Marked
[ Adenoma TGLS = 1,2-7 ]			
* Thymus		Atrophy Leukemia Mononuclear	Mild
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Epididymis Leukemia Mononuclear;Intestine Small;Ileum Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Prostate Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear;Stomach;Glandular Leukemia Mononuclear;Thymus Leukemia Mononuclear;Urinary Bladder Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 637 <b>HISTO:</b> MA913023
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[ Hemorrhage TGLS = 9-1 ]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6,6A; 10-6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-16 ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-8 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stomach, Glandular		Necrosis	Mild
Note: TGL 6-NCL			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 3	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 637 <b>HISTO:</b> MA913023
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 11-15B ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,7A ]			
* Thymus		Atrophy Leukemia Mononuclear	Mild

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<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
<b>CONTRIBUTORY CAUSE OF DEATH</b>	- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 4	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 494 <b>HISTO:</b> MA913024
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Congestion	Minimal
[ Congestion TGLS = 4-6 ]			
Penis		Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 1-18 ]			
Perph Nerve			
Note: Sciatic Nerve is normal.			
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 2-19 ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 5-15A ]			
* Testes	Interstitial Cell	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Acute, Moderate
[ Inflammation TGLS = 3-9A ]			

PRIMARY CAUSE OF DEATH	- Penis Inflammation
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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 5	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 611 <b>HISTO:</b> MA913025
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 8-4 ]			
* Liver		Vacuolization Cytoplasmic	Mild
[ Vacuolization Cytoplasmic TGLS = 5-6; 6-6A; 9-6B ]			
* Lymph Node, Mesenteric		Ectasia	Mild
[ Ectasia TGLS = 4-8 ]		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-8 ]			
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 2-10,10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE ARE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8A ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 10-15A ]			
* Testes			
Note: TGL 3-NCL			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 5

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 611

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913025

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913026
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6 ]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Leukemia Mononuclear	
[ Hyperplasia TGLS = 11-2A ]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-19 ]			
[ Leukemia Mononuclear TGLS = 6-17 ]			
[ Leukemia Mononuclear TGLS = 9-3 ]			
[ Leukemia Mononuclear TGLS = 7-18 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

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<b>ANIMAL ID:</b> 6	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913026
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 4-8 ]		Leukemia Mononuclear	
* Mammary Gland [ Fibroadenoma TGLS = 1-16 ]		Fibroadenoma	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Cyst	Moderate
* Spleen [ Leukemia Mononuclear TGLS = 5-3 ]		Leukemia Mononuclear	
* Stomach, Glandular [ Necrosis TGLS = 12-15 ]		Necrosis	Minimal
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 7	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 362 <b>HISTO:</b> MA913027
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Intestine Small, Ileum

AUTO PRECLUDES DIAG.

\* Pancreas

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Congestion	Marked
Note: NODULES HAVE NORMAL HISTOLOGY. TGL 1-NCL			
* Lung		Inflammation	Acute, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Olfactory Epi	Inflammation	Chronic Active, Minimal
	Respirat Epith	Inflammation	Chronic, Moderate
Note: EXTENSIVE FUNAL HYPHAE IN NASAL CAVITY.			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Ulcer	Minimal
	[ Hyperplasia TGLS = 3-15A ]		
* Stomach, Glandular		Hyperplasia	Lymphoid, Mild
	[ Hyperplasia TGLS = 2-15A ]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 445 <b>HISTO:</b> MA913028
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 6-17 ]			
[ Hemorrhage TGLS = 5-16 ]			
[ Hemorrhage TGLS = 8-3 ]			
[ Leukemia Mononuclear TGLS = 8-3 ]			
[ Leukemia Mononuclear TGLS = 4-9A ]			
[ Leukemia Mononuclear TGLS = 5-16 ]			
[ Leukemia Mononuclear TGLS = 6-17 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 8	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 445 <b>HISTO:</b> MA913028
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Minimal
Oral Mucosa		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[ Angiectasis TGLS = 11-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3,3A ]			
* Stom Gland			
Note: TGL 10-NCL			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 9-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 9	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 585 <b>HISTO:</b> MA913029
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Liver			
Note: TGL 6-NCL			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[ Hematopoietic Cell Proliferation TGLS = 5-3 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 3-7 ]			
[ Hyperplasia TGLS = 4-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
[ Degeneration TGLS = 2-6A ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Inflammation	Chronic Active, Moderate
	Respirat Epith	Inflammation	Chronic Active, Moderate
	Olfactory Epi	Metaplasia	Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Congestion	Marked
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7,7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 629

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Esophagus		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 6-3A ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver			
Note: TGL 4-NCL			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 5-3B ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-16 ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[ Adenoma TGLS = 2-7A ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Esophagus Squamous Cell Carcinoma

Animal Note: CARCASS THIN, TGL 1-NST

Animal Note: THORACIC CAVITY 3ML RED FLUID, TGL 7-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 12

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Prostate		Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Minimal
[ Adenoma TGLS = 2-7 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 529

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Pituitary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[ Hyperplasia TGLS = 2-9 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Preputial Gland		Cyst	Mild
* Skin		Cyst Epithelial Inclusion	Mild
[ Cyst Epithelial Inclusion TGLS = 1-10A ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[ Adenoma TGLS = 3-7; 4-7A ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: CARCASS THIN, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 4-4 ]			
* Liver		Degeneration	Cystic, Mild
Note: TGL 5-NCL			
[ Degeneration TGLS = 7-6,6A ]			
* Lung			
Note: TGL 6-NCL			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7; 3-7,7A ]			
* Thymus		Atrophy	Moderate
	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

\* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Mild
* Lym Node Mesen			
Note: TGL 4-NCL			
Lymph Node			
Note: ILIAC LN NORMAL. TGL 7-NCL			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 2-10B ]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 6-3 ]			
[ Leukemia Mononuclear TGLS = 5-3 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 15

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 687

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913035

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Marked

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN

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Animal Note: THORACIC CAVITY 3ML RED FLUID, TGL 8-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
[ Clear Cell Focus TGLS = 7-6A ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
[ Hemorrhage TGLS = 6-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-8 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery		Necrosis	Moderate
[ Necrosis TGLS = 2-16 ]			
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 5-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 697

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                      |                          |                           |                             |
|----------------------|--------------------------|---------------------------|-----------------------------|
| * Blood Vessel       | * Bone                   | * Brain                   | * Epididymis                |
| * Esophagus          | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Islets, Pancreatic | * Parathyroid Gland      | * Prostate                | * Salivary Glands           |
| * Trachea            |                          |                           |                             |

MISSING

- \* Thymus

AUTO PRECLUDES DIAG.

- |                          |                            |
|--------------------------|----------------------------|
| * Intestine Large, Colon | * Intestine Small, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- |   |                      |                      |
|---|----------------------|----------------------|
| * Adrenal Cortex                        | Leukemia Mononuclear |                      |
| * Adrenal Medulla                       | Hyperplasia          | Moderate             |
| * Bone Marrow                           | Leukemia Mononuclear |                      |
| * Heart                                 | Cardiomyopathy       | Mild                 |
| * Intestine Small, Ileum                | Leukemia Mononuclear |                      |
| * Kidney                                | Hemorrhage           | Mild                 |
|   | Leukemia Mononuclear |                      |
|   | Nephropathy          | Mild                 |
| [ Hemorrhage TGLS = 11-4A ]             |                      |                      |
| [ Leukemia Mononuclear TGLS = 10-4,4A ] |                      |                      |
| * Liver                                 | Leukemia Mononuclear |                      |
| [ Leukemia Mononuclear TGLS = 12,13-6 ] |                      |                      |
| * Lung                                  | Leukemia Mononuclear |                      |
| [ Leukemia Mononuclear TGLS = 17-2A ]   |                      |                      |
| Lymph Node                              | Deep Cervical        | Leukemia Mononuclear |
|   | Mediastinal          | Leukemia Mononuclear |
|   | Pancreatic           | Leukemia Mononuclear |
|   | Renal                | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 16-17 ]   |                      |                      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 697

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913037

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 6-9A ]			
[ Leukemia Mononuclear TGLS = 15-3C ]			
[ Leukemia Mononuclear TGLS = 14-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9B ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-8A ]			
* Mammary Gland		Dilatation	Mild
* Nose	Respirat Epith	Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 18-18 ]			
* Spleen		Leukemia Mononuclear Necrosis	Moderate
[ Leukemia Mononuclear TGLS = 7-3,3A,3B; 9-3B ]			
[ Necrosis TGLS = 8-3A ]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear Necrosis	Mild
[ Necrosis TGLS = 19-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7A; 3-7,7A; 4-7 ]			
* Thyroid Gland		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear; Bone Marrow Leukemia Mononuclear; Heart Leukemia Mononuclear; Intestine Small; Ileum Leukemia Mononuclear; Kidney Leukemia Mononuclear; Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Lymph Node Mediastinal Leukemia Mononuclear; Lymph Node Pancreatic Leukemia Mononuclear; Lymph Node Deep Cervical Leukemia Mononuclear; Lymph Node Renal Leukemia Mononuclear; Lymph Node; Mandibular Leukemia Mononuclear; Lymph Node; Mesenteric Leukemia Mononuclear; Nose Respirat Epith Leukemia

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 17

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 697

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913037

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Mononuclear;Pancreas Leukemia Mononuclear;Preputial Gland Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia  
Mononuclear;Stomach;Forestomach Leukemia Mononuclear;Stomach;Glandular Leukemia Mononuclear;Thyroid Gland Leukemia Mononuclear;Urinary  
Bladder Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 579

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		[ Hyperplasia TGLS = 4-6 ]	
		[ Leukemia Mononuclear TGLS = 4-6 ]	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 1-9 ]	
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
		Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 3-3 ]	
* Testes	Bilateral, Interstit Cell	Adenoma	
		[ Adenoma TGLS = 2-7,7A ]	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 18

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 579

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913038

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 551

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: TGL 3-NCL [ Mixed Cell Focus TGLS = 6-6A ]			
* Lung	Alveolar Epith	Hyperplasia	Marked
			[ Hyperplasia TGLS = 5-3 ]
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
		Hyperplasia	Lymphoid, Mild
			[ Hyperplasia TGLS = 1-9 ]
			[ Hyperplasia TGLS = 1-9 ]
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
			[ Hyperplasia TGLS = 2-8 ]
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Congestion	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 19

**TRT#:** 1  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 551  
**HISTO:** MA913039

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4-7 ]

\* Thymus

Atrophy  
Hemorrhage

Mild  
Mild

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 20

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 8-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[ Hemorrhage TGLS = 1-9 ]			
[ Hyperplasia TGLS = 1-9 ]			
* Mammary Gland		Hyperplasia	Moderate
* Nose	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 9-8 ]			
* Prostate		Adenoma	
* Spleen		Leukemia Mononuclear	
Note: TGL 6-NCL			
[ Leukemia Mononuclear TGLS = 5-3,3A ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 20	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913040
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<b>ORGAN AND ACCOUNTABLE SITE STATUS</b>			
* Testes	Bilateral, Interstit Cell	Adenoma Atrophy Mesothelioma Malignant	Moderate
[ Adenoma TGLS = 2,3-7 ]			
* Thymus	Epithel Cell	Atrophy Hyperplasia	Mild Mild
* Thyroid Gland	C Cell	Adenoma	
Tissue NOS	Abdominal	Hemorrhage	Marked
[ Hemorrhage TGLS = 4-16,16.1 ]			

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<b>PRIMARY CAUSE OF DEATH</b>	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 21

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Necrosis	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Atrium	Cardiomyopathy	Mild
		Thrombosis	Marked
	[ Thrombosis TGLS = 8-13,13.1 ]		
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	Note: TGL 4-NCL; TGL 9-NCL		
	[ Leukemia Mononuclear TGLS = 5-6,6A ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Leukemia Mononuclear	
	[ Hemorrhage TGLS = 7-3A ]		
	[ Leukemia Mononuclear TGLS = 7-3A ]		
* Nose	Respirat Epith	Thrombosis	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	[ Angiectasis TGLS = 11-8 ]		
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Inflammation	Chronic Active, Marked
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 21	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 658
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913041

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibrosis TGLS = 2-3 ]			
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 10-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Minimal
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 532

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

\* Pituitary Gland

OBSERVATIONS

* Bone Note: FEMUR IS NORMAL. [ Osteosarcoma TGLS = 3-18 ]	Vertebra	Osteosarcoma	
* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
* Lung [ Osteosarcoma TGLS = 6-3B ]		Osteosarcoma	Metastatic (Bone)
Lymph Node	Mediastinal	Hemorrhage	Mild
[ Hyperplasia TGLS = 5-3A ]	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric [ Hemorrhage TGLS = 4-8 ]		Hemorrhage	Moderate
Perph Nerve Note: SCIATIC NERVE IS NORMAL.			
* Spleen		Congestion	Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 22	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 532 <b>HISTO:</b> MA913042
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-7,7.1 ]

* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	

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**PRIMARY CAUSE OF DEATH** - Bone Vertebra Osteosarcoma

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 703

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst Nephropathy	Minimal Minimal
* Liver		Degeneration Leukemia Mononuclear	Cystic, Mild
[ Degeneration TGLS = 9-6,6A ]			
[ Leukemia Mononuclear TGLS = 7,9-6,6A ]			
Lymph Node	Mediastinal Mediastinal	Hemorrhage Hyperplasia	Mild Lymphoid, Mild
[ Hemorrhage TGLS = 8-3A ]			
[ Hyperplasia TGLS = 8-3A ]			
* Spleen		Angiectasis Fibrosis Hematopoietic Cell Proliferation Leukemia Mononuclear	Mild Mild Mild
[ Angiectasis TGLS = 5-3B ]			
[ Fibrosis TGLS = 4-3 ]			
[ Hematopoietic Cell Proliferation TGLS = 3-3,3B ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 23

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 703

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913043

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 3-3,3B ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 6-15,15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1-7, 2-7,7A ]

\* Thymus

Epithel Cell

Hyperplasia

Mild

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 24

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 5-6A ]			
[ Clear Cell Focus TGLS = 5-6A ]			
[ Mixed Cell Focus TGLS = 5-6A ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 3-8 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 4-3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 5-4 ]			
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 6-6A ]			
[ Mixed Cell Focus TGLS = 7-6B ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 2-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3,4-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Marked
			[ Cyst TGLS = 6-4,4A ]
			[ Nephropathy TGLS = 5-4,4A ]
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Mixed Cell Focus	
			[ Clear Cell Focus TGLS = 7-6A ]
			[ Degeneration TGLS = 7-6A ]
			[ Mixed Cell Focus TGLS = 7-6,6A ]
* Lung		Carcinoma	Metastatic (Uncertain Primary Site)
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Adenoma	
* Parathyroid Gland		Hyperplasia	Mild
* Skin			
Note: TGL 1-NCL			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
			[ Fibrosis TGLS = 3-3A; 4-3B ]
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 26

**TRT#:** 1  
**DOSE:** 0 PPM

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

**DAY ON TEST:** 729  
**HISTO:** MA913046

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-7 ]

* Thymus	Epithel Cell	Hyperplasia	Mild
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Marked
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
[ Cyst TGLS = 3-4 ]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
Note: TGL 4-NCL			
[ Clear Cell Focus TGLS = 5-6A.1,6A.2 ]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[ Fibrosis TGLS = 2-3A ]			
* Stomach, Glandular		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 6-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 27

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913047

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 616

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8 ]			
* Mammary Gland		Dilatation	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3 ]			
* Stomach, Glandular		Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 29

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 4-6,6A ]			
* Lymph Node, Mesenteric		Ectasia	Moderate
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 3-3A ]			
[ Leukemia Mononuclear TGLS = 2-3,3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain	Meninges	Angiectasis	Moderate
[ Angiectasis TGLS = 4-1 ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 5-6 ]			
[ Degeneration TGLS = 5-6 ]			
[ Eosinophilic Focus TGLS = 5-6,6.A ]			
[ Mixed Cell Focus TGLS = 5-6A ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
	Renal	Pigmentation	Mild
[ Hemorrhage TGLS = 3-16 ]			
[ Hemorrhage TGLS = 2-3A ]			
[ Pigmentation TGLS = 2-3A ]			
[ Pigmentation TGLS = 3-16 ]			
* Nose	Respirat Epith	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 30

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913050

**ORGAN AND ACCOUNTABLE SITE STATUS**

	Olfactory Epi	Inflammation	Chronic Active, Minimal
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal
	Artery	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 31

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Artery	Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Basal Cell Carcinoma	
Note: MULTIPLE DIFFERENTIATION OF BASAL EPITHELIUM. [ Basal Cell Carcinoma TGLS = 1-10A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 502

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Ulcer	Mild
[ Ulcer TGLS = 3-15A ]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 599

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Blood Vessel	Aorta	Mineralization	Minimal
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Liver	Kupffer Cell	Pigmentation	Moderate
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
		[ Adenoma TGLS = 3-7 ]	
		[ Atrophy TGLS = 2-7 ]	
* Thymus		Atrophy	Moderate
Zymbal's Gland		Carcinoma	
		[ Carcinoma TGLS = 4-16 ]	

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 33

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 599

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913053

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 655

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-6 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-2,2.1,3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-9A ]		
	[ Leukemia Mononuclear TGLS = 5-16 ]		
	[ Leukemia Mononuclear TGLS = 9-3A ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 1-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-8 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 34

TRT#: 1

SEX: Male

DAY ON TEST: 655

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913054

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]		Leukemia Mononuclear
* Testes [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma
* Thymus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear; Bone Marrow Leukemia Mononuclear; Kidney Leukemia Mononuclear; Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Lymph Node Renal Leukemia Mononuclear; Lymph Node Pancreatic Leukemia Mononuclear; Lymph Node Mediastinal Leukemia Mononuclear; Lymph Node; Mandibular Leukemia Mononuclear; Lymph Node; Mesenteric Leukemia Mononuclear; Nose Respirat Epith Leukemia Mononuclear; Pancreas Leukemia Mononuclear; Spleen Leukemia Mononuclear; Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 673

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Epididymis		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 2-7 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Degeneration	Moderate
[ Degeneration TGLS = 7-6 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
[ Hyperplasia TGLS = 11-2A ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[ Hyperplasia TGLS = 10-3A ]			
[ Pigmentation TGLS = 10-3A ]			
Mesentery	Fat	Necrosis	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Thrombosis	Moderate
Peritoneum		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 3-16; 6-9 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Mesothelioma Malignant	
Skeletal Muscle		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 8-17; 9-18 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 35	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 673 <b>HISTO:</b> MA913055
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mesothelioma Malignant	
		Necrosis	Minimal
	[ Necrosis TGLS = 12-15A.1 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
		Mesothelioma Malignant	
	[ Adenoma TGLS = 4-7,7A ]		
	[ Mesothelioma Malignant TGLS = 5-7A ]		
* Thymus		Hemorrhage	Mild
* Urinary Bladder		Mesothelioma Malignant	

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<b>PRIMARY CAUSE OF DEATH</b>	- Peritoneum Mesothelioma Malignant
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 36

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9,10-6 ]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 11-3 ]			
* Mammary Gland		Dilatation	Minimal
[ Dilatation TGLS = 2-10B ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 6-16A; 7-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-10A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3A ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 12-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 36

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913056

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 4,5-7 ]

\* Thymus

Atrophy

Mild

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**PRIMARY CAUSE OF DEATH**

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Animal Note: CARCASS YELLOW, TGL 3-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Thyroid Gland	* Trachea		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart	Atrium	Thrombosis	Marked
[ Thrombosis TGLS = 5-13 ]			
* Kidney		Nephropathy	Marked
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Lung		Leukemia Mononuclear	
* Nose	Respirat Epith	Thrombosis	Moderate
* Skin		Hyperkeratosis	Marked
[ Hyperkeratosis TGLS = 3-16 ]		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3A ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Inflammation TGLS = 7-15,15A ]		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 6-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 37	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 714 <b>HISTO:</b> MA913057
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus	Atrophy	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN	
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear	

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Lymph Node, Mandibular		Ectasia	Moderate
* Nose	Olfactory Epi	Hyperplasia	Moderate
	Respirat Epith	Hyperplasia	Marked
	Olfactory Epi	Inflammation	Chronic Active, Marked
	Respirat Epith	Inflammation	Chronic Active, Marked
	Respirat Epith	Metaplasia	Squamous, Marked
Note: ABUNDANT FUNGAL HYPHAE AND KERATIN IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1,2-7 ]		
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Nephropathy	Moderate
		Pigmentation	Moderate
	[ Nephropathy TGLS = 11-4 ]		
	[ Pigmentation TGLS = 12-4 ]		
* Liver		Angiectasis	Moderate
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 13-6 ]		
* Lung	Mediastinal	Leukemia Mononuclear	
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Hyperplasia	Plasma Cell, Mild
		Pigmentation	Mild
	[ Hemorrhage TGLS = 15-3 ]		
	[ Hyperplasia TGLS = 14-17 ]		
	[ Pigmentation TGLS = 14-17 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Pigmentation	Moderate
	[ Dilatation TGLS = 1-16 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 39	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913059
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**ORGAN AND ACCOUNTABLE SITE STATUS**

Mesentery [ Pigmentation TGLS = 8-18 ]		Pigmentation	Moderate
* Nose	Olfactory Epi Respirat Epith Respirat Epith	Degeneration Hyperplasia Inflammation	Hyaline, Minimal Minimal Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
Peritoneum [ Mesothelioma Malignant TGLS = 6-19 ]		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen	Capsule	Fibrosis Leukemia Mononuclear Pigmentation	Moderate Moderate
	Capsule		
	[ Fibrosis TGLS = 10-3A,3B ] [ Leukemia Mononuclear TGLS = 7-3A,3B ] [ Pigmentation TGLS = 9-3A,3B ]		
* Testes	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
Note: TGL 5-NCL [ Adenoma TGLS = 3,4-7 ]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH -

Animal Note: ABDOMINAL CAVITIES APPROXIMATELY 85.0CC BROWN CLOUDY FLUID, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 40

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
[ Degeneration TGLS = 9-6A ]			
[ Eosinophilic Focus TGLS = 9-6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 5-9A ]			
[ Leukemia Mononuclear TGLS = 7-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-8 ]			
* Mammary GI			
Note: TGL 1-NCL			
* Nose	Olfactory Epi	Foreign Body	
	Respirat Epith	Foreign Body	
	Respirat Epith	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 40

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913060

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Olfactory Epi  
Respirat Epith

Inflammation  
Inflammation

Chronic Active, Mild  
Chronic Active, Marked

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Pituitary Gland

Pars Distalis

Cyst

Mild

\* Spleen

[ Leukemia Mononuclear TGLS = 4-3 ]

Leukemia Mononuclear

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7; 3-7,7A ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 41

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	Moderate
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Cyst	Mild
		Deformity	
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Minimal
[ Cyst TGLS = 2-6 ]			
[ Deformity TGLS = 4-6B.2 ]			
[ Degeneration TGLS = 3-6 ]			
[ Hepatocellular Adenoma TGLS = 3-6 ]			
[ Mixed Cell Focus TGLS = 3-6 ]			
[ Vacuolization Cytoplasmic TGLS = 5-6B.1,6B.2 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 41	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913061
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 42

TRT#: 1

SEX: Male

DAY ON TEST: 579

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Epididymis  
\* Islets, Pancreatic  
\* Parathyroid Gland  
\* Seminal Vesicle  
\* Urinary Bladder

\* Adrenal Medulla  
\* Esophagus  
\* Lung  
\* Preputial Gland  
\* Skin

\* Bone  
\* Intestine Large, Colon  
\* Nose  
\* Prostate  
\* Thyroid Gland

\* Brain  
\* Intestine Small, Duodenum  
\* Pancreas  
\* Salivary Glands  
\* Trachea

MISSING

\* Blood Vessel

AUTO PRECLUDES DIAG.

\* Intestine Large, Cecum  
\* Lymph Node, Mesenteric

\* Intestine Large, Rectum

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

OBSERVATIONS

\* Bone Marrow  
\* Heart  
  
\* Kidney  
    [ Nephropathy TGLS = 3-4 ]

Atrophy  
Cardiomyopathy  
Mineralization  
Mineralization  
Nephropathy

Moderate  
Marked  
Moderate  
Mild  
Marked  
  
Cystic, Minimal  
Metastatic (Uncertain Primary Site)

\* Liver  
\* Lymph Node, Mandibular  
    [ Squamous Cell Carcinoma TGLS = 1-9 ]  
\* Mammary Gland  
Oral Mucosa  
    [ Squamous Cell Papilloma TGLS = 4-12 ]

Degeneration  
Squamous Cell Carcinoma  
  
Dilatation  
Squamous Cell Papilloma

Minimal

\* Pituitary Gland  
\* Spleen  
\* Stomach, Forestomach  
    [ Ulcer TGLS = 5-15 ]  
\* Stomach, Glandular  
    [ Necrosis TGLS = 5-15 ]

Pars Distalis

Hyperplasia  
Pigmentation  
Ulcer

Moderate  
Marked  
Mild

Necrosis

Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 42

**TRT#:** 1  
**DOSE:** 0 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 579  
**HISTO:** MA913062

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Testes  
[ Adenoma TGLS = 2-7 ]

Bilateral, Interstit Cell

Adenoma

\* Thymus

Atrophy

Marked

---

PRIMARY CAUSE OF DEATH

- Heart Cardiomyopathy

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 43

TRT#: 1

SEX: Male

DAY ON TEST: 709

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Intestine Large, Colon

AUTO PRECLUDES DIAG.

\* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node		Hemorrhage	Moderate
	Pancreatic	Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-9 ]			
[ Leukemia Mononuclear TGLS = 4-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-16 ]			
* Nose	Respirat Epith	Foreign Body	
	Respirat Epith	Inflammation	Chronic Active, Minimal
Note: FUNFAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

<b>ANIMAL ID:</b> 43	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 709 <b>HISTO:</b> MA913063
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**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 1-10 ] * Spleen	Capsule	Angiectasis Fibrosis Leukemia Mononuclear	Mild Mild
[ Angiectasis TGLS = 6-3 ] [ Fibrosis TGLS = 8-3,3A ] [ Leukemia Mononuclear TGLS = 5-3,3A ] * Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 9-15,15A ] * Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ] * Thymus		Atrophy	Mild

<b>PRIMARY CAUSE OF DEATH</b>	- UNCERTAIN
<b>CONTRIBUTORY CAUSE OF DEATH</b>	- Adrenal Cortex Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	[ Leukemia Mononuclear TGLS = 5-4 ]		
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-6,6A; 12-6; 13-6A ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-3B ]		
	[ Leukemia Mononuclear TGLS = 10-9A ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 4-16 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 8-8 ]		
* Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 44

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913064

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 2,3-3,3A ]

\* Stomach, Glandular

Necrosis

Minimal

[ Necrosis TGLS = 11-15 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1-7 ]

\* Thymus

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 45

TRT#: 1

SEX: Male

DAY ON TEST: 693

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
	Centrilobular	Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Mild
	[ Hepatodiaphragmatic Nodule TGLS = 5-6A ]		
	[ Vacuolization Cytoplasmic TGLS = 10-6 ]		
Lymph Node	Mediastinal	Hemorrhage	Marked
	Renal	Hemorrhage	Moderate
	[ Hemorrhage TGLS = 8-3A ]		
	[ Hemorrhage TGLS = 7-16 ]		
* Lymph Node, Mandibular		Hemorrhage	Marked
	[ Hemorrhage TGLS = 2-9 ]		
* Lymph Node, Mesenteric		Hemorrhage	Marked
	[ Hemorrhage TGLS = 6-8 ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
	Note: FUNGAL HYPHAE IN NASAL CAVITY.		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 9-8A ]		
* Saliv Glands			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 45

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 693

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913065

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: TGL 3-NCL

\* Skin

Subcut Tiss

Sarcoma

Note: SARCOMA IS CHONDROSARCOMA, HOWEVER, TERM IS UNAVAILABLE.

[ Sarcoma TGLS = 1-10A ]

\* Stomach, Forestomach

Ulcer

Marked

[ Ulcer TGLS = 11-15A ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 11-15 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

\* Thymus

Atrophy

Moderate

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**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Sarcoma

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Animal Note: THORACIC CAVITY CLEAR FLUID, TGL 4-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 578

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	[ Hemorrhage TGLS = 10-3A ]		
	[ Leukemia Mononuclear TGLS = 10-3A ]		
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 1-9 ]		
	[ Leukemia Mononuclear TGLS = 1-9 ]		
* Mammary Gland		Dilatation	Mild
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 3-16; 4-17; 8-9 ]		
* Nose	Olfactory Epi	Inflammation	Chronic Active, Moderate

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 46

TRT#: 1

SEX: Male

DAY ON TEST: 578

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913066

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Marked
Peritoneum [ Necrosis TGLS = 2-18 ]		Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 9-3 ]		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Stomach, Glandular [ Necrosis TGLS = 12-15,15A ]		Necrosis	Mild
* Testes [ Adenoma TGLS = 6,7-7,7A ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Mild
		Hemorrhage	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Brain Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11,13-6,6A ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	[ Hemorrhage TGLS = 6-9A ]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
	[ Hemorrhage TGLS = 4-8 ]		
* Mammary Gland		Fibroadenoma	
	[ Fibroadenoma TGLS = 2-10A ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 5-16 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Skin		Hyperkeratosis	Mild
	[ Hyperkeratosis TGLS = 1-17 ]		
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
	[ Fibrosis TGLS = 9-3,3B ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 47	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913067
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 7-3,3A,3B ]			
[ Necrosis TGLS = 8-3A ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 15-15,15A ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 10,14-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Minimal
[ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: THORACIC CAVITY 5ML CLEAR FLUID, TGL 12-NST

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 635

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Blood Vessel

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	[ Leukemia Mononuclear TGLS = 8-4,4A ]		
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5,11-6+6A ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-2,3 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 10-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 1-8A ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Leukemia Mononuclear	
	[ Angiectasis TGLS = 12-8 ]		
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibroma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 48	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 635
	<b>DOSE:</b> 0 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913068

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibroma TGLS = 4-16 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2,7-3,3B ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 13-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 9-7A ]			
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3A ]			

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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Heart Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Preputial Gland Leukemia Mononuclear;Prostate Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 693

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 7-8A ]			
* Heart	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
Note: TGL 11-NCL			
[ Leukemia Mononuclear TGLS = 10-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	Renal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 3,9,12,6-18 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-17; 8-19 ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Moderate
	Respirat Epith	Thrombosis	Moderate

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 49	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 693 <b>HISTO:</b> MA913069
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [ Adenoma TGLS = 13-8B ]	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic Active, Marked
* Spleen  [ Fibrosis TGLS = 5-3B ] [ Leukemia Mononuclear TGLS = 4-3 ]		Fibrosis Leukemia Mononuclear	Moderate
* Stomach, Glandular [ Necrosis TGLS = 14-15A ]		Necrosis	Moderate
* Testes  [ Adenoma TGLS = 2-7 ]	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
* Thymus		Atrophy Leukemia Mononuclear	Moderate
* Thyroid Gland	Follicular Cel C Cell	Adenoma Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Spleen	Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 50

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
* Liver		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	[ Hepatodiaphragmatic Nodule TGLS = 8-6A ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 10-17 ]		
	[ Leukemia Mononuclear TGLS = 9-3A ]		
	[ Leukemia Mononuclear TGLS = 5-16 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-8 ]		
Mesentery		Leukemia Mononuclear	
* Nose	Respirat Epith	Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 50	<b>TRT#:</b> 1 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 726 <b>HISTO:</b> MA913070
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [ Adenoma TGLS = 11-8A ]	Pars Distalis Pars Distalis	Adenoma Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 6-3,3B; 7-3B ]		Leukemia Mononuclear	
* Stomach, Forestomach [ Ulcer TGLS = 12-15,15A ]		Ulcer	Mild
* Testes [ Adenoma TGLS = 3-7 ]	Interstit Cell	Adenoma Atrophy	Moderate
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Intestine Large;Cecum Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Mesentery Leukemia Mononuclear;Nose Respirat Epith Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Preputial Gland Leukemia Mononuclear;Prostate Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 51

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Lung			
Note: FOCAL CONGESTED AREAS IN LUNG ARE PROBABLY AGONAL. TGL 2-NCL			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
* Mammary Gland		Dilatation	Mild
Mesentery		Inflammation	Chronic Active, Mild
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Inflammation	Chronic Active, Moderate
	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 630

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Hyperostosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
		[ Angiectasis TGLS = 8-6C ]	
		[ Eosinophilic Focus TGLS = 4-6B ]	
		[ Hepatocellular Adenoma TGLS = 3-6A ]	
		[ Leukemia Mononuclear TGLS = 4-6B; 5-6 ]	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[ Hemorrhage TGLS = 9-9 ]	
		[ Leukemia Mononuclear TGLS = 6-3A ]	

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 52

TRT#: 3

SEX: Male

DAY ON TEST: 630

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913172

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 9-9 ]

\* Lymph Node, Mandibular

Leukemia Mononuclear

\* Mammary Gland

Dilatation

Minimal

\* Nose

Respirat Epith

Hyperplasia

Mild

Olfactory Epi

Inflammation

Chronic Active, Mild

Respirat Epith

Inflammation

Chronic Active, Moderate

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Prostate

Inflammation

Chronic Active, Minimal

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 2-3 ]

\* Stom Gland

Note: GLANDULAR STOMACH LESIONS NOT IN 4 SAMPLES IN 15 AND 15A.

\* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Ulcer

Marked

[ Ulcer TGLS = 10-15A ]

\* Testes

Interstit Cell

Adenoma

Atrophy

Mild

Interstit Cell

Hyperplasia

Mild

[ Adenoma TGLS = 1-7 ]

[ Hyperplasia TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Brain Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung  
Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular  
Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 7-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 53

TRT#: 3

SEX: Male

DAY ON TEST: 388

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 2-2A ]			
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 1-17 ]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 54

TRT#: 3

SEX: Male

DAY ON TEST: 707

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
		Pigmentation	Mild
Note: TGL 3 INVOLVED AXILLARY LN, HOWEVER TERM NOT AVAILABLE.			
		[ Leukemia Mononuclear TGLS = 6-9A ]	
		[ Leukemia Mononuclear TGLS = 13-19 ]	
		[ Leukemia Mononuclear TGLS = 10-18 ]	
		[ Leukemia Mononuclear TGLS = 5-17 ]	
		[ Leukemia Mononuclear TGLS = 12-3B ]	
		[ Leukemia Mononuclear TGLS = 3-16 ]	
		[ Pigmentation TGLS = 12-3B ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 54	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 707
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> MA913174

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-8 ]			
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
[ Adenoma TGLS = 14-8 ]			
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 7-3; 8-3A ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 15-15A ]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Minimal
	Interstit Cell	Hyperplasia	Moderate
[ Adenoma TGLS = 4-7 ]			
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Adrenal Medulla Leukemia Mononuclear;Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Prostate Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 55

TRT#: 3

SEX: Male

DAY ON TEST: 611

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
Eye	Lens	Cataract	Moderate
		Hemorrhage	Moderate
		[ Hemorrhage TGLS = 1-16 ]	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Vacuolization Cytoplasmic	Moderate
		[ Vacuolization Cytoplasmic TGLS = 7-6 ]	
* Lung			
		Note: GROSS DARK FOCI NOT SEEN IN SLIDE 2,2A, OR 3. TGL 8-NCL	
Lymph Node	Mediastinal	Hemorrhage	Mild
		[ Hemorrhage TGLS = 9-3A ]	
* Lymph Node, Mandibular		Ectasia	Moderate
		[ Ectasia TGLS = 4-9 ]	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		[ Hemorrhage TGLS = 6-8 ]	
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
		Note: FUNGAL HYPHAE IN NASAL CAVITY.	
* Pituitary Gland	Pars Distalis	Adenoma	
		[ Adenoma TGLS = 10-8 ]	
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 55

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 611

**DOSE:** 150 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913175

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibroma TGLS = 2-10A ]

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[ Adenoma TGLS = 5-7A ]			
* Thymus		Atrophy	Moderate

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**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Fibroma

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Animal Note: CARCASS THIN, TGL 3-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 56

TRT#: 3

SEX: Male

DAY ON TEST: 592

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

\* Nose

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
[ Hemorrhage TGLS = 4-3A ]			
[ Hyperplasia TGLS = 4-3A ]			
* Lymph Node, Mandibular		Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLS = 1-9 ]			
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 2-3B ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 57

TRT#: 3

SEX: Male

DAY ON TEST: 593

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- |              |          |
|--------------|----------|
| * Epididymis | * Testes |
|--------------|----------|

AUTO PRECLUDES DIAG.

- \* Intestine Small, Ileum

OBSERVATIONS

- |                                     |                |                      |                   |
|-------------------------------------|----------------|----------------------|-------------------|
| * Heart                             |                | Cardiomyopathy       | Mild              |
| * Kidney                            |                | Nephropathy          | Minimal           |
| * Liver                             |                | Leukemia Mononuclear |                   |
| [ Leukemia Mononuclear TGLS = 4-6 ] |                |                      |                   |
| Lymph Node                          | Iliac          | Hyperplasia          | Plasma Cell, Mild |
| [ Hyperplasia TGLS = 2-16 ]         |                |                      |                   |
| * Nose                              | Respirat Epith | Hyperplasia          | Minimal           |
| * Pituitary Gland                   | Pars Distalis  | Hyperplasia          | Mild              |
| * Spleen                            |                | Fibrosis             | Mild              |
|                                     |                | Leukemia Mononuclear |                   |

Note: DARK FOCUS IS MCL SPLEEN AGAINST FIBROTIC BACKGROUND.

[ Leukemia Mononuclear TGLS = 1-3A; 3-3 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 58

TRT#: 3

SEX: Male

DAY ON TEST: 544

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Squamous Cell Carcinoma	Metastatic (Skin)
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Vacuolization Cytoplasmic	Moderate
	[ Vacuolization Cytoplasmic TGLS = 4-6 ]		
* Lung			
	Note: TGL 5-NCL		
Lymph Node	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Iliac	Squamous Cell Carcinoma	Metastatic (Skin)
	[ Hyperplasia TGLS = 6-3A ]		
	[ Squamous Cell Carcinoma TGLS = 3-18 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 2-17 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Moderate
	Note: FUNGAL HYPHAE IN NASAL CAVITY.		
* Pancreas	Acinus	Atrophy	Mild
* Skin		Squamous Cell Carcinoma	Multiple

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:27  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 58	<b>TRT#:</b> 3 <b>DOSE:</b> 150 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 544 <b>HISTO:</b> MA913178
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Squamous Cell Carcinoma TGLS = 1-16; 8-19 ]

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
* Thymus		Atrophy	Mild

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**PRIMARY CAUSE OF DEATH** - Skin Squamous Cell Carcinoma

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Animal Note: CARCASS THIN, TGL 7-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 59

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 3-4 ]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Note: TGL 4-NCL			
Lymph Node	Renal	Ectasia	Mild
	Renal	Pigmentation	Mild
[ Ectasia TGLS = 5-8 ]			
* Lymph Node, Mandibular		Ectasia	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Hyperplasia	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 2-3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                      |                   |
|---------------------------|-----------------------------|----------------------|-------------------|
| * Adrenal Cortex          | * Adrenal Medulla           | * Blood Vessel       | * Bone            |
| * Bone Marrow             | * Brain                     | * Epididymis         | * Esophagus       |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Islets, Pancreatic | * Nose            |
| * Parathyroid Gland       | * Pituitary Gland           | * Prostate           | * Salivary Glands |
| * Stomach, Forestomach    | * Thymus                    | * Thyroid Gland      | * Trachea         |

MISSING

- \* Mammary Gland

AUTO PRECLUDES DIAG.

- |                          |                          |                          |                            |
|--------------------------|--------------------------|--------------------------|----------------------------|
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Ileum | * Intestine Small, Jejunum |
|--------------------------|--------------------------|--------------------------|----------------------------|

OBSERVATIONS

- |                                       |             |                      |                  |
|---------------------------------------|-------------|----------------------|------------------|
| * Heart                               |             | Cardiomyopathy       | Mild             |
|                                       |             | Leukemia Mononuclear |                  |
| * Kidney                              |             | Nephropathy          | Minimal          |
| * Liver                               |             | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 5-6 ]   |             |                      |                  |
| * Lung                                |             | Leukemia Mononuclear |                  |
| Note: TGL 7-NCL                       |             |                      |                  |
| Lymph Node                            | Mediastinal | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 6-3 ]   |             |                      |                  |
| * Lymph Node, Mandibular              |             | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 2-9 ]   |             |                      |                  |
| * Lymph Node, Mesenteric              |             | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 8-8 ]   |             |                      |                  |
| * Pancreas                            |             | Leukemia Mononuclear |                  |
| * Preputial Gland                     |             | Inflammation         | Chronic, Minimal |
| * Seminal Vesicle                     |             | Leukemia Mononuclear |                  |
| * Skin                                | Subcut Tiss | Fibroma              |                  |
| [ Fibroma TGLS = 1-10A ]              |             |                      |                  |
| * Spleen                              |             | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 4,9-3 ] |             |                      |                  |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 60

TRT#: 3

SEX: Male

DAY ON TEST: 697

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913180

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Stom Forestom

Note: FORESTOMACH LESIONS NOT IN 15,15.1,15A, OR 15A.1

\* Stomach, Glandular

[ Necrosis TGLS = 10-15,15A,15.1,15A.1 ]

Necrosis

Mild

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 3-7 ]

\* Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear;Urinary Bladder Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 61

TRT#: 3

SEX: Male

DAY ON TEST: 693

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                          |                           |
|-----------------------------|--------------------------|--------------------------|---------------------------|
| * Blood Vessel              | * Bone                   | * Brain                  | * Epididymis              |
| * Esophagus                 | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Islets, Pancreatic     | * Mammary Gland          | * Nose                    |
| * Parathyroid Gland         | * Preputial Gland        | * Prostate               | * Salivary Glands         |
| * Skin                      | * Stomach, Forestomach   | * Thymus                 | * Thyroid Gland           |
| * Trachea                   | * Urinary Bladder        |                          |                           |

AUTO PRECLUDES DIAG.

- |               |                          |                            |
|---------------|--------------------------|----------------------------|
| * Bone Marrow | * Intestine Small, Ileum | * Intestine Small, Jejunum |
|---------------|--------------------------|----------------------------|

OBSERVATIONS

- |                          |             |                                       |          |
|--------------------------|-------------|---------------------------------------|----------|
| * Adrenal Cortex         |             | Leukemia Mononuclear                  |          |
|                          |             | Necrosis                              | Mild     |
| * Adrenal Medulla        |             | Pheochromocytoma Benign               |          |
| * Heart                  |             | Cardiomyopathy                        | Moderate |
| * Kidney                 |             | Leukemia Mononuclear                  |          |
|                          |             | Nephropathy                           | Minimal  |
| * Liver                  |             | Leukemia Mononuclear                  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 9-6 ]   |          |
| * Lung                   |             | Leukemia Mononuclear                  |          |
| Lymph Node               | Iliac       | Leukemia Mononuclear                  |          |
|                          | Mediastinal | Leukemia Mononuclear                  |          |
|                          | Renal       | Leukemia Mononuclear                  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 11-3 ]  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 8-17 ]  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 10-16 ] |          |
| * Lymph Node, Mandibular |             | Leukemia Mononuclear                  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 1-9 ]   |          |
| * Lymph Node, Mesenteric |             | Leukemia Mononuclear                  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 4-8 ]   |          |
| * Pancreas               |             | Leukemia Mononuclear                  |          |
|                          |             | [ Leukemia Mononuclear TGLS = 13-9 ]  |          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 61	<b>TRT#:</b> 3 <b>DOSE:</b> 150 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 693 <b>HISTO:</b> MA913181
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
Note: TGL 7-NCL [ Leukemia Mononuclear TGLS = 6-3,3A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 12-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7; 3-7A ]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: THORACIC CAVITY, CLEAR FLUID, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 62

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Centrilobular	Congestion	Mild
	[ Hepatodiaphragmatic Nodule TGLS = 3-6 ]	Hepatodiaphragmatic Nodule	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[ Fibrosarcoma TGLS = 1-10A ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Marked
	[ Ulcer TGLS = 5-15,15A ]		
* Stomach, Glandular		Necrosis	Moderate
	[ Necrosis TGLS = 5-15,15A ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2,4-7 ]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Salivary Glands		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 64

TRT#: 3

SEX: Male

DAY ON TEST: 655

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Carcinoma	Metastatic (Zymbal'S Gland)
		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
		Hemorrhage	Moderate
* Lymph Node, Mesenteric			
[ Hemorrhage TGLS = 4-8 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Salivary Glands	Duct	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7; 2-7,7A ]			
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 3-16 ]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 64

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 655

**DOSE:** 150 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913184

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Mild
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 12-1 ]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Infiltration Cellular	Polymorphnuclr, Mild
		Necrosis	Mild
		Nephropathy	Mild
[ Necrosis TGLS = 13-4A ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6A; 10-6,6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Infiltration Cellular	Histiocyte, Marked
[ Hemorrhage TGLS = 11-3A,3A.1 ]			
[ Infiltration Cellular TGLS = 11-3A,3A.1 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 14-8 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-16 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 65

TRT#: 3

SEX: Male

DAY ON TEST: 723

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913185

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Nose	Respirat Epith Respirat Epith	Degeneration Hyperplasia	Hyaline, Minimal Minimal
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 6-3B ]			
[ Leukemia Mononuclear TGLS = 5-3,3B ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 7-15,15B ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 8-15,15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Node;Mesenteric	Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Pituitary Gland	Leukemia Mononuclear;Liver Leukemia Mononuclear;Spleen
		Pars Distalis	Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 66

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
	[ Eosinophilic Focus TGLS = 4-6A ]		
	[ Leukemia Mononuclear TGLS = 3-6,6A; 4-6A ]		
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-3 ]		
* Testes	Interstit Cell	Adenoma	
		Atrophy	Marked
	[ Adenoma TGLS = 1-7 ]		
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 5-8 ]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Fibrosis	Mild
	Renal Tubule	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Nephropathy	Marked
[ Fibrosis TGLS = 10-4,4A ]			
[ Hyperplasia TGLS = 10-4,4A ]			
[ Leukemia Mononuclear TGLS = 10-4,4A ]			
[ Nephropathy TGLS = 6-4,4A ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Dilatation	Moderate
* Nose	Respirat Epith	Hyperplasia	Moderate
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 9-8A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 67

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913187

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
	[ Fibrosis TGLS = 4-3A ]		
	[ Leukemia Mononuclear TGLS = 3-3,3A ]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	[ Hyperplasia TGLS = 13-15A ]		
	[ Inflammation TGLS = 13-15A ]		
* Stomach, Glandular		Mineralization	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Mild
	[ Adenoma TGLS = 11-7; 12-7,7A ]		
	[ Atrophy TGLS = 2-7 ]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Carcinoma	
	[ Carcinoma TGLS = 8-2 ]		

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 68

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 3-4 ]			
* Liver		Degeneration	Cystic, Moderate
[ Degeneration TGLS = 9-6,6A ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6,6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 8-3A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8 ]			
* Spleen		Fibrosis	Moderate
[ Leukemia Mononuclear TGLS = 2-3 ]		Leukemia Mononuclear	
* Stomach, Glandular		Hyperplasia	Lymphoid, Moderate
[ Hyperplasia TGLS = 10-15A ]			
* Testes	Interstit Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 68

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913188

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Note: TGL 1-NCL

\* Thymus

[ Thymoma Benign TGLS = 5-3A ]

Thymoma Benign

\* Thyroid Gland

[ Carcinoma TGLS = 6-2 ]

C Cell

Carcinoma

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 69

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex [ Carcinoma TGLS = 4-8 ]		Carcinoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver  [ Leukemia Mononuclear TGLS = 5-6 ]		Degeneration Leukemia Mononuclear	Cystic, Minimal
* Lung  [ Alveolar/Bronchiolar Adenoma TGLS = 6-2A ] [ Leukemia Mononuclear TGLS = 7-2,3 ]		Alveolar/Bronchiolar Adenoma Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia Leukemia Mononuclear	Moderate
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose  Respirat Epith Respirat Epith  Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.		Foreign Body Hyperplasia Inflammation	Mild Chronic Active, Marked
* Preputial Gland [ Cyst TGLS = 1-10 ]		Cyst	Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:27

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

**Lab:** TSI MASON

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**ANIMAL ID:** 69

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913189

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Keratoacanthoma TGLS = 8-16 ]

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 3-3 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7 ]

\* Urinary Bladder

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 70

TRT#: 3

SEX: Male

DAY ON TEST: 675

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Kidney	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver			
Note: TGL 3-NCL			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
[ Ectasia TGLS = 4-9 ]			
[ Hyperplasia TGLS = 4-9 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH - Nose Respirat Epith Inflammation

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:27

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 71

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Marked
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Leukemia Mononuclear	
	[ Hepatocellular Adenoma TGLS = 8-6A ]		
	[ Leukemia Mononuclear TGLS = 6-6,6A ]		
* Lung		Leukemia Mononuclear	
	Note: TGL 9-NCL		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Mild
	[ Dilatation TGLS = 1-10B ]		
	[ Hyperplasia TGLS = 1-10B ]		
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 3-16 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
	[ Adenoma TGLS = 10-8 ]		
	[ Leukemia Mononuclear TGLS = 10-8 ]		
* Skin	Subcut Tiss	Fibroma	
	[ Fibroma TGLS = 2-10A ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 71

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913191

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[ Fibrosis TGLS = 7-3 ]

[ Leukemia Mononuclear TGLS = 5-3 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 4-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 72

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Deformity	
[ Deformity TGLS = 4-6A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Atrophy	Mild
		Fibrosis	Mild
[ Fibrosis TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1,2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 609

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	Renal	Pigmentation	Mild
[ Hemorrhage TGLS = 6-3A ]			
[ Leukemia Mononuclear TGLS = 4-16 ]			
[ Pigmentation TGLS = 6-3A ]			
[ Pigmentation TGLS = 4-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 73

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 609

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913193

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS YELLOW, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                          |                          |                           |
|--------------------------|--------------------------|--------------------------|---------------------------|
| * Blood Vessel           | * Bone                   | * Brain                  | * Epididymis              |
| * Esophagus              | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Lymph Node, Mandibular | * Preputial Gland        | * Prostate               | * Salivary Glands         |
| * Seminal Vesicle        | * Skin                   | * Thymus                 | * Thyroid Gland           |
| * Trachea                | * Urinary Bladder        |                          |                           |

MISSING

- \* Mammary Gland

AUTO PRECLUDES DIAG.

- |                          |                            |                      |                             |
|--------------------------|----------------------------|----------------------|-----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla          | * Bone Marrow        | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney                    |
| * Nose                   | * Pancreas                 | * Pituitary Gland    |                             |

OBSERVATIONS

- |  |     |                      |          |
|--|-----|----------------------|----------|
| * Heart                                      |     | Cardiomyopathy       | Mild     |
|  |     | Thrombosis           | Marked   |
| [ Thrombosis TGLS = 11-13 ]                  |     |                      |          |
| * Liver                                      |     | Angiectasis          | Moderate |
|  |     | Leukemia Mononuclear |          |
| [ Angiectasis TGLS = 12-6A ]                 |     |                      |          |
| [ Leukemia Mononuclear TGLS = 4-6,6A ]       |     |                      |          |
| * Lung                                       |     | Leukemia Mononuclear |          |
| * Lymph Node, Mesenteric                     |     | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 8-8 ]          |     |                      |          |
| Mesentery                                    | Fat | Necrosis             | Marked   |
| [ Necrosis TGLS = 1-5A ]                     |     |                      |          |
| * Parathyroid Gland                          |     | Hyperplasia          | Mild     |
| * Spleen                                     |     | Fibrosis             | Mild     |
|  |     | Leukemia Mononuclear |          |
| [ Fibrosis TGLS = 7-3A ]                     |     |                      |          |
| [ Leukemia Mononuclear TGLS = 2-3,3A; 7-3A ] |     |                      |          |
| * Stomach, Forestomach                       |     | Ulcer                | Marked   |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

---

ANIMAL ID: 74

TRT#: 3

SEX: Male

DAY ON TEST: 613

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913194

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Ulcer TGLS = 10-15,15A ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 9-15,15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

Note: SEMINIFEROUS TUBULES IN ONE TESTIS ARE NORMAL, IN THE OTHER ARE ATROPHIC SECONDARY TO LARGE ADENOMA. TGL 5-NCL

[ Adenoma TGLS = 6-7 ]

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

---

Animal Note: THORACIC CAVITIES, FLUID, TGL 3-NST

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Nephropathy	Marked
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-6 ]			
Lymph Node	Mediastinal	Hemorrhage	Marked
[ Hemorrhage TGLS = 5-3A,3A.1 ]			
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 502

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

Ear

Note: INTERNAL EAR NORMAL.

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 1-8 ]		
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 555

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Intestine Small, Ileum		Parasite Metazoan	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-16 ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 5-9A ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 77

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 555

**DOSE:** 150 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913197

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**ORGAN AND ACCOUNTABLE SITE STATUS**

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

---

Animal Note: CARCASS YELLOW, TGL 2-NST

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 78

TRT#: 3

SEX: Male

DAY ON TEST: 718

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Blood Vessel	Aorta	Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
Note: TGL 4-NCL			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A,10B ]		Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 2-10 ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 7-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 78

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 718

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913198

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Moderate

---

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

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Animal Note: THORACIC CAVITY 10CC WHITE FLUID, TGL 5-NST

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 79

TRT#: 3

SEX: Male

DAY ON TEST: 636

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6 ]			
* Lung		Leukemia Mononuclear	
Note: TGL 10-NCL			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Hemorrhage TGLS = 7-9A ]			
[ Hemorrhage TGLS = 9-3B ]			
[ Leukemia Mononuclear TGLS = 7-9A ]			
[ Leukemia Mononuclear TGLS = 9-3B ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 5-16 ]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 2-17 ]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 11-3 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

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<b>ANIMAL ID:</b> 79	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 636
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> MA913199

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Leukemia Mononuclear TGLS = 6-3,3A; 12,13-3A ]			
* Stomach, Forestomach	Epithelium	Hyperplasia Ulcer	Mild Mild
[ Hyperplasia TGLS = 15-15 ]			
[ Ulcer TGLS = 15-15A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 14-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3,4-7 ]			
* Thymus		Atrophy	Moderate

---

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Spleen Leukemia Mononuclear

---

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 80

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Mixed Cell Focus	
[ Clear Cell Focus TGLS = 5-6,6A ]			
[ Mixed Cell Focus TGLS = 5-6,6A ]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Pigmentation	Mild
[ Ectasia TGLS = 3-16 ]			
[ Pigmentation TGLS = 3-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10 ]			
* Stom Gland			
Note: TGL 4-NCL			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 643

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Carcinoma	Metastatic (Zymbal'S Gland)
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Minimal
Note: TGL 5-NCL			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[ Hyperplasia TGLS = 3-9 ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 6-15A ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[ Adenoma TGLS = 2-7 ]			
* Thymus		Atrophy	Mild
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 4-16 ]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 82

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Leukemia Mononuclear	
[ Degeneration TGLS = 7-6 ]			
[ Eosinophilic Focus TGLS = 7-6A ]			
[ Leukemia Mononuclear TGLS = 6-6,6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 82

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913202

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Interstit Cell

Hyperplasia

Mild

[ Adenoma TGLS = 3-7 ]

[ Atrophy TGLS = 2-7 ]

\* Thymus

Epithel Cell

Hyperplasia

Mild

---

**PRIMARY CAUSE OF DEATH**

-

---

Animal Note: ABDOMINAL CAVITY CLEAR FLUID, TGL 1-NST

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [ Nephropathy TGLS = 3-4 ]		Nephropathy	Marked
* Liver [ Leukemia Mononuclear TGLS = 4-6,6A,6A.1; 5-6A,6A.1 ]		Angiectasis Leukemia Mononuclear	Moderate
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 2-3 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 84

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6A,6A.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Adenoma	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3; 3-3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 85

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Degeneration TGLS = 5-6A ]			
[ Eosinophilic Focus TGLS = 5-6A ]			
[ Mixed Cell Focus TGLS = 5-6A ]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 4-3 ]			
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,7-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 85

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913205

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 555

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hemorrhage	Marked
		Leukemia Mononuclear	
Note: TGL 5-NCL; TGL 7-NCL			
[ Hemorrhage TGLS = 6-6B ]			
[ Leukemia Mononuclear TGLS = 4-6,6A,6B ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 8-3A ]			
[ Hemorrhage TGLS = 3-16 ]			
[ Hemorrhage TGLS = 9-17 ]			
[ Leukemia Mononuclear TGLS = 9-17 ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 3-16 ]			
* Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 555

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913206

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 2-3 ]

\* Stomach, Forestomach

Ulcer

Moderate

[ Ulcer TGLS = 11-15B ]

\* Stomach, Glandular

Necrosis

Minimal

[ Necrosis TGLS = 10-15A ]

\* Testes

Interstit Cell

Adenoma

Interstit Cell

Hyperplasia

Minimal

\* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 3-4,4.1 ]			
* Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 4-6A ]			
[ Mixed Cell Focus TGLS = 4-6A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Parasite Metazoan	Minimal
* Intestine Large, Colon		Parasite Metazoan	Moderate
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		[ Eosinophilic Focus TGLS = 6-6B ]	
		[ Hepatocellular Adenoma TGLS = 8-6 ]	
		[ Hepatodiaphragmatic Nodule TGLS = 4-6A ]	
		[ Leukemia Mononuclear TGLS = 5-6,6A,6B ]	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Carcinoma	
		[ Carcinoma TGLS = 1-10A ]	
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Melanoma Malignant	
		[ Melanoma Malignant TGLS = 7-10B ]	
* Spleen		Fibrosis	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 88	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MA913208

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibrosis TGLS = 3-3A ]		Leukemia Mononuclear
* Testes	Bilateral, Interstit Cell	Adenoma
[ Adenoma TGLS = 2-7 ]		

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Deformity	
		Leukemia Mononuclear	
[ Deformity TGLS = 6-6 ]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
		Leukemia Mononuclear	
[ Ectasia TGLS = 3-9 ]			
[ Hyperplasia TGLS = 3-9 ]			
[ Leukemia Mononuclear TGLS = 3-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 1-10A; 2-10B ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-8 ]			
* Skin		Keratoacanthoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 89	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 716
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> MA913209

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Keratoacanthoma TGLS = 7-16 ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 4-3A ]			
* Stomach, Forestomach		Inflammation Ulcer	Chronic Active, Mild Moderate
[ Inflammation TGLS = 9-15 ]			
[ Ulcer TGLS = 9-15A ]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lymph Node;Mandibular Mononuclear	Leukemia Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Spleen Leukemia

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
		Eosinophilic Focus	
[ Clear Cell Focus TGLS = 4-6A ]			
* Nose	Respirat Epith	Adenoma	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Cyst	Moderate
[ Adenoma TGLS = 5-8 ]			
[ Cyst TGLS = 5-8 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TGL 2-NCL			
[ Adenoma TGLS = 1-7; 3-7,7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 728

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Esophagus
- \* Seminal Vesicle
- \* Urinary Bladder

- \* Blood Vessel
- \* Parathyroid Gland
- \* Skin

- \* Bone
- \* Preputial Gland
- \* Thyroid Gland

- \* Epididymis
- \* Salivary Glands
- \* Trachea

AUTO PRECLUDES DIAG.

- \* Bone Marrow
- \* Intestine Small, Duodenum
- \* Pancreas

- \* Intestine Large, Cecum
- \* Intestine Small, Ileum

- \* Intestine Large, Colon
- \* Intestine Small, Jejunum

- \* Intestine Large, Rectum
- \* Islets, Pancreatic

OBSERVATIONS

- \* Adrenal Medulla
- \* Brain
- [ Hemorrhage TGLS = 13-1 ]

Leukemia Mononuclear  
Hemorrhage

Mild

- \* Heart
- \* Kidney
- \* Liver
- [ Eosinophilic Focus TGLS = 8-6A ]
- [ Leukemia Mononuclear TGLS = 7-6,6A ]

Cardiomyopathy  
Nephropathy  
Eosinophilic Focus  
Leukemia Mononuclear

Moderate  
Minimal

- \* Lung
- Lymph Node
- Mediastinal
- Pancreatic
- Iliac
- Mediastinal
- Pancreatic
- Renal
- [ Hemorrhage TGLS = 9-3A ]
- [ Hemorrhage TGLS = 4-16 ]
- [ Leukemia Mononuclear TGLS = 11-18 ]
- [ Leukemia Mononuclear TGLS = 4-16 ]
- [ Leukemia Mononuclear TGLS = 10-17 ]

Leukemia Mononuclear  
Hemorrhage  
Hemorrhage  
Leukemia Mononuclear  
Leukemia Mononuclear  
Leukemia Mononuclear  
Leukemia Mononuclear

Minimal  
Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 91	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913211

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 9-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-8 ]			
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Nervosa	Hemorrhage	Moderate
[ Adenoma TGLS = 12-8 ]			
[ Hemorrhage TGLS = 12-8 ]			
* Prostate		Leukemia Mononuclear	
* Spleen	Capsule	Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 6-3B ]			
[ Leukemia Mononuclear TGLS = 5-3,3B ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 14-15A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 14-15,15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Prostate Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Histiocytic Sarcoma	
[ Clear Cell Focus TGLS = 4-6,6A ]			
[ Hepatodiaphragmatic Nodule TGLS = 3-6 ]			
[ Histiocytic Sarcoma TGLS = 4-6,6A ]			
* Lung		Osteosarcoma	Metastatic (Uncertain Primary Site)
[ Osteosarcoma TGLS = 5-2,2.1 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
	Respirat Epith	Inflammation	Chronic Active, Minimal
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
Perph Nerve			
Note: SCIATIC NERVE IS NORMAL.			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Skin	Subcut Tiss	Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 92

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913212

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 93

TRT#: 3

SEX: Male

DAY ON TEST: 657

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
Note: TGL 8-NCL			
[ Leukemia Mononuclear TGLS = 6-6,6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node		Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 7-3A ]			
[ Leukemia Mononuclear TGLS = 7-3A ]			
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 5-16 ]			
* Nose			
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 9-15,15A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 93	<b>TRT#:</b> 3 <b>DOSE:</b> 150 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 657 <b>HISTO:</b> MA913213
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Glandular [ Necrosis TGLS = 9-15A ]		Necrosis	Mild
* Testes [ Adenoma TGLS = 2-7 ] [ Atrophy TGLS = 1-7 ]	Interstit Cell	Adenoma Atrophy	Moderate

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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS YELLOW, TGL 3-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 94

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
		Hemorrhage	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Angiectasis TGLS = 4-6 ]			
[ Eosinophilic Focus TGLS = 7-6A ]			
[ Hemorrhage TGLS = 8-6B ]			
[ Mixed Cell Focus TGLS = 7-6A ]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Leukemia Mononuclear	
[ Hyperplasia TGLS = 6-3A ]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Mild
[ Adenoma TGLS = 5-8 ]			
[ Hemorrhage TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 94

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913214

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 3-3 ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1,2-7 ]

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 95

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Leukemia Mononuclear	
Note: TGL 11-NCL			
[ Leukemia Mononuclear TGLS = 6-6,6A,6A.1 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild
[ Hemorrhage TGLS = 7-16 ]			
[ Hemorrhage TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
[ Pigmentation TGLS = 7-16 ]			
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 9-8 ]			
* Skin	Epidermis	Hyperplasia	Marked
		Keratoacanthoma	Multiple

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 95	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MA913215

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 10-17 ] [ Keratoacanthoma TGLS = 1-10A; 2-10B ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 5-3B ] [ Leukemia Mononuclear TGLS = 4-3,3B ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 548

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-5A ]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
[ Leukemia Mononuclear TGLS = 13-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8,14-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 16-3A ]			
[ Leukemia Mononuclear TGLS = 15-20 ]			
[ Leukemia Mononuclear TGLS = 12-19 ]			
[ Leukemia Mononuclear TGLS = 5-9A ]			
[ Leukemia Mononuclear TGLS = 9-18 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 548

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913216

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular [ Leukemia Mononuclear TGLS = 1-9 ]		Leukemia Mononuclear	
* Lymph Node, Mesenteric [ Leukemia Mononuclear TGLS = 4-17;11-8A ]		Leukemia Mononuclear	
* Mammary Gland Mesentery [ Necrosis TGLS = 2-16 ]	Fat	Leukemia Mononuclear Necrosis	Mild
* Nose	Respirat Epith	Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hyperplasia	Minimal Moderate
* Preputial Gland		Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 6-3 ] [ Necrosis TGLS = 7-3 ]		Leukemia Mononuclear Necrosis	Mild
* Stomach, Glandular		Necrosis	Moderate
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Heart Leukemia Mononuclear;Intestine Small;Ileum Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Mammary Gland Leukemia Mononuclear;Nose Respirat Epith Leukemia Mononuclear;Preputial Gland Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 17-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
[ Degeneration TGLS = 5-6A ]			
* Lym Node Mand			
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Minimal
[ Ectasia TGLS = 4-8 ]			
[ Hyperplasia TGLS = 4-8 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Trichoepithelioma	
[ Trichoepithelioma TGLS = 1-10A ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

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<b>ANIMAL ID:</b> 98	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 711
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913218

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Lymph Node, Mandibular [ Hemorrhage TGLS = 1-9 ]		Hemorrhage	Marked
* Lymph Node, Mesenteric [ Hemorrhage TGLS = 5-8 ]		Hemorrhage	Marked
Mesentery [ Necrosis TGLS = 4-17 ]	Fat	Necrosis	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
* Skin [ Fibroma TGLS = 2-10A ]	Subcut Tiss	Leukemia Mononuclear Fibroma	
* Spleen [ Fibrosis TGLS = 7-3 ] [ Leukemia Mononuclear TGLS = 6-3 ]	Capsule	Fibrosis Leukemia Mononuclear	Mild
* Stom Forestom Note: TGL 15-NCL			
* Stomach, Glandular [ Necrosis TGLS = 14-15A ]		Necrosis	Minimal
* Testes [ Adenoma TGLS = 3-7 ]	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate
* Thymus		Atrophy	Mild

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear; Bone Marrow Leukemia Mononuclear; Heart Leukemia Mononuclear; Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Nose Leukemia Mononuclear; Pituitary Gland Pars Distalis Leukemia Mononuclear; Spleen Leukemia Mononuclear

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Animal Note: THORACIC CAVITY 5ML RED FLUID, TGL 10-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
Note: 6 AND 6A LIVER - NODULARITY (TGL 5) CONSIDERED A PART OF MCL.			
[ Degeneration TGLS = 5-6,6A ]			
[ Leukemia Mononuclear TGLS = 4,5-6,6A ]			
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 6-2 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-16 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 7-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 99

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 706

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913219

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Urinary Bladder

Leukemia Mononuclear

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear;Urinary Bladder Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Mixed Cell Focus	
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 101

TRT#: 5

SEX: Male

DAY ON TEST: 627

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
[ Pigmentation TGLS = 4-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5,8-6,6A; 9-6A ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8 ]			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 101

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 627

**DOSE:** 325 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913121

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS THIN, YELLOW; TGL 2-NST

Animal Note: THORACIC CAVITY CLEAR FLUID, TGL 6-NST

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 102

TRT#: 5

SEX: Male

DAY ON TEST: 559

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5,6-6,6A ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2,3-3,3A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 7-15A ]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 103

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 5-4 ]			
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 6-6A.2 ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
[ Hemorrhage TGLS = 7-3A ]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 2-10A ]		Hyperplasia	Marked
[ Hyperplasia TGLS = 2-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: INFLAMMATION INCLUDES SQUAMOUS METAPLASIA AND HYPERKERATOSIS.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-8 ]			
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 3-10 ]			
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-16 ]			
* Spleen		Congestion	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 103

**TRT#:** 5  
**DOSE:** 325 PPM

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

**DAY ON TEST:** 729  
**HISTO:** MA913123

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Testes

Interstit Cell

Adenoma

Atrophy

Moderate

Artery

Inflammation

Chronic Active, Moderate

[ Adenoma TGLS = 4-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 104

TRT#: 5

DOSE: 325 PPM

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: MA913124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart	Atrium	Thrombosis	Marked
	[ Thrombosis TGLS = 16-13 ]		
* Kidney		Nephropathy	Marked
	[ Nephropathy TGLS = 9,10-4 ]		
* Liver		Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
	[ Leukemia Mononuclear TGLS = 8-6 ]		
	[ Vacuolization Cytoplasmic TGLS = 11-6 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 13-2,3 ]		
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
	[ Hemorrhage TGLS = 14-3B ]		
	[ Pigmentation TGLS = 14-3B ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
	[ Hemorrhage TGLS = 5-8 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 4-16 ]		
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 104	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913124
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 15-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
[ Fibrosis TGLS = 7-3A ]			
[ Leukemia Mononuclear TGLS = 6-3,3A ]			
* Testes	Interstit Cell	Adenoma Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
[ Atrophy TGLS = 3-7 ]			
* Thymus		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH -

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Animal Note: THORACIC CAVITIES APPROXIMATELY 5.0 CC CLEAR FLUID, TGL 12-NST

Animal Note: ABDOMINAL CAVITIES APPROXIMATELY 3.0CC CLEAR FLUID, TGL 2-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 105

TRT#: 5

SEX: Male

DAY ON TEST: 695

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-16 ]			
* Nose	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[ Angiectasis TGLS = 6-8 ]			
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 5-3 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 7-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 105

**TRT#:** 5  
**DOSE:** 325 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 695  
**HISTO:** MA913125

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 582

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 14-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: RENAL LN-AUTOLYSIS PRECLUDES EVALUATION, TGL 7-NCL			
Note: TGL 10 LEUKEMIA MONUC INVOLVES AXILLARY LYMPH NODE, HOWEVER SITE NOT AVAILABLE TERM, TGL 10-18			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-9B ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-8 ]			
* Nose	Olfactory Epi	Inflammation	Chronic Active, Moderate
	Respirat Epith	Inflammation	Chronic Active, Marked

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 106

TRT#: 5

SEX: Male

DAY ON TEST: 582

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913126

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Saliv Glands

Note: TGL 8-NCL

\* Spleen

Fibrosis  
Leukemia Mononuclear

Mild

[ Fibrosis TGLS = 4-3 ]

[ Leukemia Mononuclear TGLS = 3-3 ]

\* Stom Forestom

Note: TGL 15-NST

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1,13-7 ]

\* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia  
Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node;Mandibular Leukemia  
Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: MILD TO MARKED AUTOLYSIS IN MOST TISSUES.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 107

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 5-6 ]			
[ Mixed Cell Focus TGLS = 6-6 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 2-10B ]			
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 107

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913127

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 108

TRT#: 5

SEX: Male

DAY ON TEST: 573

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Kidney	* Liver	* Lung	Lymph Node
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
Lymph Node			
Note: MEDIASTINAL LN NORMAL, TGL 2-NCL			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Nephropathy	Mild
		Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11,14-6 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild
	[ Hemorrhage TGLS = 13-3 ]		
	[ Leukemia Mononuclear TGLS = 13-3 ]		
	[ Pigmentation TGLS = 12-17 ]		
* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	
	[ Ectasia TGLS = 5-8A ]		
	[ Leukemia Mononuclear TGLS = 5-8A ]		
Mesentery	Fat	Necrosis	Mild
	Fat	Pigmentation	Mild

Note: SECTIONS OF MESENTERY HAVE MESOTHELIAL HYPERPLASIA, TERM UNAVAILABLE.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 109

TRT#: 5

SEX: Male

DAY ON TEST: 639

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913129

ORGAN AND ACCOUNTABLE SITE STATUS

[ Necrosis TGLS = 8-16A ]

[ Pigmentation TGLS = 6-16; 8-16A ]

* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

Leukemia Mononuclear

[ Adenoma TGLS = 15-8 ]

* Prostate		Leukemia Mononuclear	
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[ Leukemia Mononuclear TGLS = 7-14 ]

* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

[ Fibrosis TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 9-3A ]

* Testes	Bilateral, Interstit Cell	Adenoma	
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Note: TGL 3-NCL

[ Adenoma TGLS = 2-7A; 4-7 ]

* Thymus		Atrophy	Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Prostate Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 110

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Eosinophilic Focus TGLS = 4-6A ]			
[ Hepatodiaphragmatic Nodule TGLS = 5-6B ]			
[ Leukemia Mononuclear TGLS = 3-6,6A,6B ]			
[ Mixed Cell Focus TGLS = 4-6A ]			
* Lung		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 111

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
	[ Cyst TGLS = 7-4 ]		
	[ Nephropathy TGLS = 6-4 ]		
* Liver		Angiectasis	Marked
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
	[ Angiectasis TGLS = 10-6B ]		
	[ Degeneration TGLS = 9-6A ]		
	[ Eosinophilic Focus TGLS = 9-6A ]		
	[ Leukemia Mononuclear TGLS = 8-6,6A,6B ]		
* Lung	Alveolar Epith	Hyperplasia	Marked
		Leukemia Mononuclear	
	[ Hyperplasia TGLS = 11-2A ]		
* Mammary Gland		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]		
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 3-16 ]		
* Pancreas	Acinus	Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 111

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913131

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Spleen

Leukemia Mononuclear

Necrosis

Mild

[ Leukemia Mononuclear TGLS = 4-3,3A ]

[ Necrosis TGLS = 5-3A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 112

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 7-8 ]			
* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Marked
[ Thrombosis TGLS = 8-13 ]			
* Kidney		Nephropathy	Mild
* Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 6-16 ]			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Spleen		Fibrosis	Marked
[ Fibrosis TGLS = 5-3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,4-7; 3-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 113

TRT#: 5

SEX: Male

DAY ON TEST: 457

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
[ Vacuolization Cytoplasmic TGLS = 2-6A ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 1-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 114

TRT#: 5

SEX: Male

DAY ON TEST: 728

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
	[ Pheochromocytoma Benign TGLS = 7-8 ]		
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9,10-6 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: TGL 13 INVOLVES AXILLARY LN, TERM UNAVAILABLE.			
	[ Hemorrhage TGLS = 11-3A ]		
	[ Leukemia Mononuclear TGLS = 12-17 ]		
	[ Leukemia Mononuclear TGLS = 8-16 ]		
	[ Leukemia Mononuclear TGLS = 11-3A ]		
* Lymph Node, Mandibular		Hemorrhage	Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 114	<b>TRT#:</b> 5	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 325 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913134

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8 ]			
* Nose		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
[ Adenoma TGLS = 14-8 ]			
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 6-15A; 15-15 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 15-15,15A,15B ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Hemorrhage	Mild
		Leukemia Mononuclear	
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Brain Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Nose Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 115

TRT#: 5

DOSE: 325 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: 653

HISTO: MA913135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Atrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Marked
		Nephropathy	Marked
[ Cyst TGLS = 6-4A ]			
[ Nephropathy TGLS = 1-4 ]			
* Liver		Vacuolization Cytoplasmic	Marked
[ Vacuolization Cytoplasmic TGLS = 4-6 ]			
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Ulcer	Marked
Note: MARKED ULCERATION LED TO ADHESION TO LIVER.			
[ Ulcer TGLS = 3-15B ]			
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 7-15A ]			
* Testes		Atrophy	Moderate
[ Atrophy TGLS = 2-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 115

**TRT#:** 5  
**DOSE:** 325 PPM

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

**DAY ON TEST:** 653  
**HISTO:** MA913135

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus	Atrophy	Moderate
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PRIMARY CAUSE OF DEATH	- Stomach, Forestomach	Ulcer
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 116

TRT#: 5

SEX: Male

DAY ON TEST: 572

DOSE: 325 PPM

DISP: Natural Death

HISTO: MAMA913136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Lung	Mediastinum	Leukemia Mononuclear	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-2,3 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[ Angiectasis TGLS = 7-8 ]			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[ Fibrosis TGLS = 6-3 ]			
[ Leukemia Mononuclear TGLS = 1-3 ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 9-15,15B ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 8-15,15A ]			
* Testes	Interstit Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 116

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 572

**DOSE:** 325 PPM

**DISP:** Natural Death

**HISTO:** MAMA913136

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 4-3A ]

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lung Mediastinum Leukemia Mononuclear;Spleen  
Leukemia Mononuclear;Thymus Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 117

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6A ]			
Lymph Node	Renal	Hemorrhage	Mild
[ Hemorrhage TGLS = 5-16 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Skin		Cyst Epithelial Inclusion	
[ Cyst Epithelial Inclusion TGLS = 1-10A ]			
* Spleen	Capsule	Fibrosis	Moderate
[ Fibrosis TGLS = 3-3 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Testes	Interstitial Cell	Atrophy	Mild
	C Cell	Hyperplasia	Minimal
* Thyroid Gland		Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 118

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Degeneration	Cystic, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
[ Hemorrhage TGLS = 3-3A ]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 5-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 119

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
[ Degeneration TGLS = 5-6 ]			
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Marked
	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[ Angiectasis TGLS = 7-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1,2-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 119

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913139

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 120

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Carcinoma	
[ Carcinoma TGLS = 5-4 ]			
* Liver		Degeneration	Cystic, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
[ Hyperplasia TGLS = 2-9 ]		Hyperplasia	Plasma Cell, Minimal
[ Hyperplasia TGLS = 2-9 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 6-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
Note: FUNGAL HYPHAE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Hyperplasia	Minimal
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 3-3A ]		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 120

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913140

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Zymbal's Gland

Carcinoma

[ Carcinoma TGLS = 4-16 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Angiectasis	Marked
	[ Angiectasis TGLS = 3-4A ]	Nephropathy	Moderate
* Liver			
	Note: TGL 5-NCL		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 1-2A ]		
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 2-8 ]		
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
	[ Inflammation TGLS = 4-15A ]		
* Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Hyperplasia	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Hemorrhage	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 11-6 ]		
* Lung		Inflammation	Chronic Active, Marked
		Leukemia Mononuclear	
	Alveolus	Metaplasia	Squamous, Marked
	[ Inflammation TGLS = 12-2,2A,3; 13-2,2A ]		
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Note: AUTOLYSIS PRECLUDES CRITICAL EVALUATION OF PANCREATIC LYMPH NODE, TGL 8-NCL		
	[ Hemorrhage TGLS = 10-3A ]		
	[ Leukemia Mononuclear TGLS = 10-3A ]		
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 3-8 ]		
	[ Leukemia Mononuclear TGLS = 3-8 ]		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 122

TRT#: 5

SEX: Male

DAY ON TEST: 641

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913142

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery [ Necrosis TGLS = 4-17; 7-9; 9-18 ]	Fat	Necrosis	Marked
* Nose	Olfactory Epi Respirat Epith	Inflammation Inflammation	Chronic Active, Mild Chronic Active, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis Leukemia Mononuclear Necrosis	Minimal Moderate
[ Fibrosis TGLS = 6-3B ] [ Leukemia Mononuclear TGLS = 5-3 ] [ Necrosis TGLS = 6-3B ]			
* Stomach, Glandular [ Necrosis TGLS = 14-15A ]		Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate
[ Adenoma TGLS = 2-7 ] [ Atrophy TGLS = 1-7 ]			
* Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Brain Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear		

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 123

TRT#: 5

SEX: Male

DAY ON TEST: 571

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Int Lg Cecum			
Note: TGL 1-NCL			
* Intestine Large, Colon		Parasite Metazoan	Mild
* Kidney		Nephropathy	Moderate
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 3-10 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
* Testes	Interstit Cell	Hyperplasia	Marked
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 124

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis Degeneration Vacuolization Cytoplasmic	Mild Cystic, Mild Mild
* Kidney	Renal Tubule	Adenoma Nephropathy	Marked
	[ Nephropathy TGLS = 3-4 ]		
* Liver		Angiectasis Degeneration Eosinophilic Focus Hepatodiaphragmatic Nodule	Mild Cystic, Minimal
	Note: TGL 4-NCL [ Angiectasis TGLS = 5-6A ] [ Hepatodiaphragmatic Nodule TGLS = 6-6B ]		
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 7-8 ]		
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Atrophy	Mild
	[ Atrophy TGLS = 8-15A ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 124

**TRT#:** 5  
**DOSE:** 325 PPM

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

**DAY ON TEST:** 729  
**HISTO:** MA913144

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Mild
[ Adenoma TGLS = 2-7 ]			
[ Atrophy TGLS = 1-7 ]			

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 125

TRT#: 5

SEX: Male

DAY ON TEST: 564

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
* Nose	Olfactory Epi Respirat Epith	Inflammation Inflammation	Chronic Active, Marked Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Stom Gland			
Note: TGL 3-NCL			
* Testes	Interstit Cell	Adenoma Atrophy	Moderate
[ Adenoma TGLS = 1-7 ]			
[ Atrophy TGLS = 2-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
* Liver		Angiectasis	Moderate
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
[ Angiectasis TGLS = 9-6B ]			
[ Clear Cell Focus TGLS = 8-6A ]			
Lymph Node	Iliac	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 7-16 ]			
* Mammary Gland		Hyperplasia	Marked
[ Hyperplasia TGLS = 1-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 6-3A ]			
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TESTIS WITHIN NORMAL LIMITS. TGL 3-NCL			
[ Adenoma TGLS = 2-7; 4-7,7A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 126

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913146

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Atrophy

Mild

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 127

TRT#: 5

SEX: Male

DAY ON TEST: 668

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
Note: HEMOGLOBIN CRYSTALS IN ONE DILATED MAMMARY ACINUS.			
[ Dilatation TGLS = 2-10.1 ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 7-3,3A ]			
[ Leukemia Mononuclear TGLS = 4-3,3A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 8-15A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 127

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 668

**DOSE:** 325 PPM

**DISP:** Natural Death

**HISTO:** MA913147

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 3-7,7A ]

\* Thymus

Atrophy

Mild

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 128

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Lung	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
			[ Hyperplasia TGLS = 5-2B ]
			[ Inflammation TGLS = 4-2A ]
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
			[ Adenoma TGLS = 6-8 ]
* Preputial Gland		Cyst	Mild
			[ Cyst TGLS = 1-10 ]
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Diverticulum	Mild
			[ Diverticulum TGLS = 7-15A ]
* Testes	Interstitial Cell	Adenoma	
		Atrophy	Mild
	Artery	Inflammation	Chronic Active, Mild
			[ Adenoma TGLS = 3-7 ]
			[ Atrophy TGLS = 2-7 ]
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

DOSE: 325 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 690

HISTO: MA913149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Stomach, Forestomach	* Stomach, Glandular		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Moderate
[ Thrombosis TGLS = 12-13 ]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-3A ]			
[ Leukemia Mononuclear TGLS = 9-16 ]			
[ Leukemia Mononuclear TGLS = 6-9A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-8 ]			
* Nose	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Marked

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 690

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913149

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

\* Preputial Gland

Carcinoma

[ Carcinoma TGLS = 1-10A ]

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 7-3 ]

\* Stom Forestom

Note: TGL 8-NCL

\* Stom Gland

Note: TGL 13-NCL

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 3,4-7 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 130

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 8-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-9 ]			
[ Leukemia Mononuclear TGLS = 11-3 ]			
[ Leukemia Mononuclear TGLS = 10-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 2-10,10A; 3-10B ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 12-8 ]			
* Seminal Vesicle		Hyperplasia	Moderate
* Spleen	Capsule	Fibrosis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 130

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913150

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Leukemia Mononuclear

[ Fibrosis TGLS = 7-3 ]

[ Leukemia Mononuclear TGLS = 6-3 ]

\* Testes

Interstit Cell

Adenoma

[ Adenoma TGLS = 4-7 ]

\* Thyroid Gland

C Cell

Hyperplasia

Moderate

---

PRIMARY CAUSE OF DEATH

-

---

Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 131

TRT#: 5

SEX: Male

DAY ON TEST: 606

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-9A ]			
[ Leukemia Mononuclear TGLS = 7-3A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 8-15,15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 131

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 606

**DOSE:** 325 PPM

**DISP:** Natural Death

**HISTO:** MA913151

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: CARCASS YELLOW, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Bone                      | * Bone Marrow            | * Brain                    |
| * Esophagus               | * Heart                     | * Intestine Large, Cecum | * Intestine Large, Colon   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic      | * Lymph Node, Mandibular    | * Mammary Gland          | * Parathyroid Gland        |
| * Preputial Gland         | * Salivary Glands           | * Thyroid Gland          | * Trachea                  |
| * Urinary Bladder         |                             |                          |                            |

AUTO PRECLUDES DIAG.

- \* Nose

OBSERVATIONS

- |                          |               |                                     |          |
|--------------------------|---------------|-------------------------------------|----------|
| * Adrenal Cortex         |               | Vacuolization Cytoplasmic           | Marked   |
| * Blood Vessel           | Aorta         | Leukemia Mononuclear                |          |
| * Epididymis             |               | Leukemia Mononuclear                |          |
| * Kidney                 |               | Leukemia Mononuclear                |          |
|                          |               | Nephropathy                         | Mild     |
| * Liver                  |               | Leukemia Mononuclear                |          |
|                          |               | [ Leukemia Mononuclear TGLS = 7-6 ] |          |
| * Lung                   |               | Leukemia Mononuclear                |          |
| * Lymph Node, Mesenteric |               | Leukemia Mononuclear                |          |
| * Pancreas               |               | Leukemia Mononuclear                |          |
| * Pituitary Gland        | Pars Distalis | Adenoma                             |          |
|                          | Pars Distalis | Cyst                                | Moderate |
|                          |               | [ Adenoma TGLS = 4-8 ]              |          |
|                          |               | [ Cyst TGLS = 4-8 ]                 |          |
| * Prostate               |               | Leukemia Mononuclear                |          |
| * Seminal Vesicle        |               | Leukemia Mononuclear                |          |
| * Skin                   | Subcut Tiss   | Fibroma                             |          |
|                          |               | [ Fibroma TGLS = 3-10A ]            |          |
| * Spleen                 |               | Leukemia Mononuclear                |          |
|                          |               | [ Leukemia Mononuclear TGLS = 6-3 ] |          |
| * Stomach, Forestomach   |               | Leukemia Mononuclear                |          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 603

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913152

ORGAN AND ACCOUNTABLE SITE STATUS

[ Ulcer TGLS = 8-15A ]		Ulcer	Marked
* Stomach, Glandular		Leukemia Mononuclear	
* Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3A ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Blood Vessel Aorta Leukemia Mononuclear;Epididymis Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Prostate Leukemia Mononuclear;Seminal Vesicle Leukemia Mononuclear;Spleen Leukemia Mononuclear;Stomach;Forestomach Leukemia Mononuclear;Stomach;Glandular Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: THORACIC CAVITY CLEAR FLUID, TGL 1-NST

Animal Note: CARCASS THIN, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
[ Pheochromocytoma Benign TGLS = 5-8 ]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 6-4 ]			
* Liver		Degeneration Eosinophilic Focus	Cystic, Mild
	Bile Duct	Hyperplasia Vacuolization Cytoplasmic	Mild Moderate
Note: TGL 9-NCL			
[ Eosinophilic Focus TGLS = 7-6 ]			
[ Hyperplasia TGLS = 7-6 ]			
[ Vacuolization Cytoplasmic TGLS = 8-6A,6A.1 ]			
* Lym Node Mand			
Note: TGL 1-NCL			
Note: MANDULAR LN WITHIN NORMAL LIMITS			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 133	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913153
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Fibrosis TGLS = 4-3 ]		Fibrosis	Mild
* Testes Note: TESTIS WITHIN NORMAL LIMITS. TGL 3-NCL [ Adenoma TGLS = 2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus	Epithel Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[ Clear Cell Focus TGLS = 4-6,6A ]			
[ Eosinophilic Focus TGLS = 4-6,6A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2,3-8 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MB913155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	[ Clear Cell Focus TGLS = 5-6 ]		
	[ Eosinophilic Focus TGLS = 5-6A ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Moderate
	Note: FUNGAL HYPHAE IN NASAL CAVITY.		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8 ]		
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
	[ Fibrosis TGLS = 3-3A ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 1,2-7 ]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                           |                           |                  |                          |
|---------------------------|---------------------------|------------------|--------------------------|
| * Heart                   |                           | Cardiomyopathy   | Mild                     |
| * Kidney                  |                           | Nephropathy      | Moderate                 |
| * Liver                   |                           | Clear Cell Focus |                          |
|                           |                           | Necrosis         | Moderate                 |
| [ Necrosis TGLS = 3-6.1 ] |                           |                  |                          |
| * Nose                    | Respirat Epith            | Hyperplasia      | Minimal                  |
|                           | Respirat Epith            | Inflammation     | Chronic Active, Moderate |
| * Testes                  | Bilateral, Interstit Cell | Adenoma          |                          |

Note: LEFT TESTIS WITHIN NORMAL SIZE LIMITS, CONTAINS LARGE TUMOR. TGL 1-NCL

[ Adenoma TGLS = 2-7 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Marked
	[ Nephropathy TGLS = 7-4 ]		
* Liver		Angiectasis	Marked
	[ Angiectasis TGLS = 9-6A,6B; 10-6A; 11-6B ]	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 9-6,6A,6B; 10-6A ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 14-3A,3A.1 ]		
	[ Leukemia Mononuclear TGLS = 8-16 ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
	Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.		
* Pancreas	Acinus	Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 137	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 729 <b>HISTO:</b> MA913157
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Adenoma TGLS = 12-8 ]	Pars Distalis	Adenoma	
* Skin [ Keratoacanthoma TGLS = 1-10A ]		Keratoacanthoma	
* Spleen Note: TGL 13-NCL [ Leukemia Mononuclear TGLS = 5-3,3.1,3.2 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 3-7 ] [ Atrophy TGLS = 4-7 ]	Interstit Cell	Adenoma Atrophy	Marked
* Thymus	Epithel Cell	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS YELLOW, TGL 6-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 408

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                          |  |                            |                      |
|--------------------------|--|----------------------------|----------------------|
| * Adrenal Cortex         |  | Cytoplasmic Alteration     | Minimal              |
| * Bone Marrow            |  | Hyperplasia                | Mild                 |
| * Int Sm Duoden          |  |                            |                      |
| Note: ECTOPIC PANCREAS.  |  |                            |                      |
| * Kidney                 |  | Nephropathy                | Minimal              |
| * Liver                  |  | Hepatodiaphragmatic Nodule |                      |
|                          | Centrilobular                              | Vacuolization Cytoplasmic  | Minimal              |
|                          | [ Hepatodiaphragmatic Nodule TGLS = 1-6A ] |                            |                      |
| * Lymph Node, Mandibular |  | Hyperplasia                | Plasma Cell, Minimal |
|                          |  | Hyperplasia                | Lymphoid, Mild       |
| Zymbal's Gland           |  | Carcinoma                  |                      |
|                          | [ Carcinoma TGLS = 2-16,17 ]               |                            |                      |

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 720

DOSE: 325 PPM

DISP: Natural Death

HISTO: MB913159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                   |                   |                 |                     |
|-------------------|-------------------|-----------------|---------------------|
| * Blood Vessel    | * Bone            | * Brain         | * Epididymis        |
| * Esophagus       | * Mammary Gland   | * Nose          | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate      | * Salivary Glands   |
| * Seminal Vesicle | * Thymus          | * Thyroid Gland | * Trachea           |
| * Urinary Bladder |                   |                 |                     |

AUTO PRECLUDES DIAG.

- |                             |                          |                            |                           |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Bone Marrow               | * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |
| * Pancreas                  |                          |                            |                           |

OBSERVATIONS

- |                                     |             |                      |          |
|-------------------------------------|-------------|----------------------|----------|
| * Adrenal Cortex                    |             | Leukemia Mononuclear |          |
| * Adrenal Medulla                   |             | Leukemia Mononuclear |          |
| * Heart                             |             | Cardiomyopathy       | Moderate |
| * Kidney                            |             | Nephropathy          | Minimal  |
| * Liver                             |             | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 6-6 ] |             |                      |          |
| * Lung                              |             | Leukemia Mononuclear |          |
| Lymph Node                          | Mediastinal | Hemorrhage           | Mild     |
|                                     | Mediastinal | Leukemia Mononuclear |          |
|                                     | Pancreatic  | Leukemia Mononuclear |          |
| [ Hemorrhage TGLS = 7-3 ]           |             |                      |          |
| [ Leukemia Mononuclear TGLS = 7-3 ] |             |                      |          |
| * Lymph Node, Mandibular            |             | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 1-9 ] |             |                      |          |
| * Lymph Node, Mesenteric            |             | Hemorrhage           | Mild     |
|                                     |             | Leukemia Mononuclear |          |
| [ Hemorrhage TGLS = 4-8 ]           |             |                      |          |
| [ Leukemia Mononuclear TGLS = 4-8 ] |             |                      |          |
| * Skin                              |             | Keratoacanthoma      |          |
| [ Keratoacanthoma TGLS = 8-16 ]     |             |                      |          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 720

DOSE: 325 PPM

DISP: Natural Death

HISTO: MB913159

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Chronic Active, Moderate
[ Hyperplasia TGLS = 10-15 ]			
[ Inflammation TGLS = 10-15 ]			
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 11-15,15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate
[ Adenoma TGLS = 2-7; 9-7A ]			
[ Atrophy TGLS = 3-7 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: THORACIC CAVITY 3CC CLEAR FLUID, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

\* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
	[ Angiectasis TGLS = 8-6 ]		
	[ Hepatocellular Carcinoma TGLS = 6-6 ]		
	[ Hepatodiaphragmatic Nodule TGLS = 4-6A ]		
	[ Hyperplasia TGLS = 7-6B ]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
	Note: HEMORRHAGE (SUBPLEURAL) MAY BE AGONAL.		
	[ Hemorrhage TGLS = 5-2,2A,3 ]		
* Skin	Subcut Tiss	Fibroma	
	[ Fibroma TGLS = 1-10A ]		
* Spleen		Fibrosis	Mild
	[ Fibrosis TGLS = 3-3 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 140

**TRT#:** 5  
**DOSE:** 325 PPM

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

**DAY ON TEST:** 729  
**HISTO:** MA913160

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Testes  
[ Adenoma TGLS = 2-7 ]

Bilateral, Interstit Cell

Adenoma

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 667

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Fibrosis	Minimal
* Epididymis		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 6-7,7A ]			
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Deformity	
	Centrilobular	Degeneration	Mild
[ Deformity TGLS = 12-6A ]			
[ Degeneration TGLS = 3-6,6A ]			
* Lung		Hyperplasia	Moderate
[ Hyperplasia TGLS = 11-2A ]			
Lymph Node		Congestion	Minimal
	Mediastinal	Infiltration Cellular	Histiocyte, Mild
	Mediastinal		
[ Congestion TGLS = 10-3A ]			
[ Infiltration Cellular TGLS = 10-3A ]			
Mesentery		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 5-16; 7-9A ]			
* Nose		Inflammation	Chronic Active, Mild
* Preputial Gland	Respirat Epith	Cyst	Moderate

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 141	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 667 <b>HISTO:</b> MA913161
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Cyst TGLS = 1-10 ]			
* Spleen Note: TGL 9-NCL		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular [ Necrosis TGLS = 13-15A ]		Necrosis	Mild
* Testes [ Adenoma TGLS = 4,8-7 ]	Bilateral, Interstit Cell	Adenoma Mesothelioma Malignant	
* Thymus		Atrophy	Mild

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PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Epididymis	Mesothelioma Malignant;Mesentery	Mesothelioma Malignant;Testes Mesothelioma Malignant

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Animal Note: ABDOMINAL CAVITY BROWN FLUID, TGL 2-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Note: NO LESION ACCOUNTS FOR GRANULARITY. TGL 3-NCL [ Eosinophilic Focus TGLS = 5-6A ] [ Hyperplasia TGLS = 5-6A ]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Note: AGONAL HEMORRHAGE IS PRESENT. TGL 4-NCL			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Adenoma	
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 533

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[ Hemorrhage TGLS = 10-1 ]			
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
Perph Nerve			
Note: SCIATIC NERVE IS NORMAL.			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 9-15B ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 143	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 533 <b>HISTO:</b> MA913163
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Glandular [ Necrosis TGLS = 8-15A ]		Necrosis	Minimal
* Testes [ Adenoma TGLS = 1-7 ]	Bilateral, Interstit Cell	Adenoma	
* Urinary Bladder Note: DILATION NOT A MICRO LESION. TGL 2-NCL [ Hemorrhage TGLS = 3-9 ]		Hemorrhage	Mild

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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Nose Respirat Epith Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS THIN, TGL 7-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 592

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MB913164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 7-6A ]			
Lymph Node			
Note: TGL 6 (MEDIASINAL LN) NOT APPARENT IN SECTION. TGL 6-NCL			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Hyperplasia	Plasma Cell, Mild
[ Hyperplasia TGLS = 2-9 ]			
[ Hyperplasia TGLS = 2-9 ]			
* Nose	Respirat Epith	Inflammation	Chronic, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 3-10 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 5-10A ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Moderate
[ Adenoma TGLS = 4-7 ]			
[ Hyperplasia TGLS = 4-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 144

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 592

**DOSE:** 325 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MB913164

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Fibroma

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
	Atrium	Leukemia Mononuclear	
	[ Thrombosis TGLS = 16-13 ]	Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
	[ Nephropathy TGLS = 8-4 ]	Nephropathy	Marked
* Liver		Degeneration	Cystic, Moderate
	Note: AREAS OF DISTENDED VESSELS MAY CORRESPOND TO 1MM GROSS FOCUS, PART OF MCL. TGL 9-NCL	Leukemia Mononuclear	
	[ Degeneration TGLS = 18-6A ]		
	[ Leukemia Mononuclear TGLS = 10-6; 18-6A ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 14-2A ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913165

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 5-9 ]			
[ Leukemia Mononuclear TGLS = 11-16 ]			
[ Leukemia Mononuclear TGLS = 15-3A ]			
[ Pigmentation TGLS = 11-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8 ]			
* Mammary Gland		Dilatation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[ Hyperplasia TGLS = 13-2 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 7-3 ]			
[ Leukemia Mononuclear TGLS = 6-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 17-15,15A ]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 17-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7; 3-7A ]			
* Thymus		Atrophy	Moderate
		Hemorrhage	Moderate
* Thyroid Gl			
Note: ENGORGED BLOOD VESSEL AT SURFACE OF GLAND. TGL 12-NCL			

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 648

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Trachea	* Urinary Bladder

MISSING

\* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
	Ventricle	Pigmentation	Mild
	Atrium	Thrombosis	Mild
[ Pigmentation TGLS = 7-13A ]			
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Renal Tubule	Nephropathy	Moderate
		Pigmentation	Marked
[ Nephropathy TGLS = 5-4 ]			
[ Pigmentation TGLS = 5-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
[ Hyperplasia TGLS = 9-2A ]			
[ Inflammation TGLS = 9-2A ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 146	<b>TRT#:</b> 5 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 648 <b>HISTO:</b> MA913166
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Fibrosis Leukemia Mononuclear	Moderate
[ Fibrosis TGLS = 10-3 ] [ Leukemia Mononuclear TGLS = 4-3 ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 11-15,15A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 12-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TESTIS WITHIN NORMAL LIMITS. TGL 2-NCL [ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen	Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 147

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
	[ Clear Cell Focus TGLS = 7-6A ]		
	[ Degeneration TGLS = 7-6A ]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[ Alveolar/Bronchiolar Carcinoma TGLS = 5-2A ]		
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland		Dilatation	Minimal
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 4-16 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Moderate
	Note: FUNGAL HYPHAE IN NASAL CAVITY.		
* Pancreas	Acinus	Adenoma	
	[ Adenoma TGLS = 3-9A ]		
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 147

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913167

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 6-8 ]

\* Preputial Gland

Inflammation

Chronic, Minimal

\* Prostate

Inflammation

Chronic Active, Mild

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1-7; 2-7,7A ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Minimal
[ Pheochromocytoma Benign TGLS = 7-8 ]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus Degeneration Eosinophilic Focus	Cystic, Mild
* Lymph Node, Mandibular		Ectasia Hyperplasia	Mild Plasma Cell, Mild
[ Ectasia TGLS = 8-9 ]			
[ Hyperplasia TGLS = 8-9 ]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 9-10 ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 5-16, 6-16A ]			
* Nose	Respirat Epith Respirat Epith	Hyperplasia Inflammation	Minimal Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 148

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913168

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland [ Carcinoma TGLS = 2-10B ]	Bilateral	Carcinoma	
* Spleen		Congestion	Mild
* Testes [ Adenoma TGLS = 3,4-7 ]	Bilateral, Interstit Cell	Adenoma	

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Fibrosis	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 9-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9A ]			
[ Leukemia Mononuclear TGLS = 7-3B ]			
[ Leukemia Mononuclear TGLS = 5-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
[ Adenoma TGLS = 8-8 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 714

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913169

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 8-8 ]

\* Preputial Gland

Inflammation

Chronic Active, Mild

Leukemia Mononuclear

\* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[ Fibrosis TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 3-3,3A ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 11-15,15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 1-7 ]

\* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Preputial Gland Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: THORACIC CAVITY, .5ML YELLOW FLUID, TGL 6-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Inflammation	Chronic Active, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver		Angiectasis	Moderate
		Leukemia Mononuclear	
		[ Angiectasis TGLS = 8-6A ]	
		[ Leukemia Mononuclear TGLS = 7-6,6A ]	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[ Hemorrhage TGLS = 3-9A ]	
		[ Hemorrhage TGLS = 9-3B ]	
		[ Leukemia Mononuclear TGLS = 9-3B ]	
		[ Leukemia Mononuclear TGLS = 3-9A ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 150

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913170

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hemorrhage TGLS = 2-8 ]

[ Leukemia Mononuclear TGLS = 2-8 ]

\* Nose Respirat Epith Inflammation Mild  
Note: ABUNDANT FUNGAL HYPHAE IN SECTION.

\* Pituitary Gland Pars Distalis Adenoma  
Pars Distalis Leukemia Mononuclear

[ Adenoma TGLS = 10-8 ]

[ Leukemia Mononuclear TGLS = 10-8 ]

\* Preputial Gland Inflammation Chronic Active, Minimal

\* Skin Inflammation Chronic Active, Mild

\* Spleen Fibrosis Moderate  
Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 4,5-3,3A ]

\* Stomach, Forestomach Ulcer Mild

[ Ulcer TGLS = 11-15A ]

\* Testes Atrophy Mild  
Interstitial Cell Hyperplasia Minimal

\* Thymus Leukemia Mononuclear

\* Thyroid Gland C Cell Adenoma  
Follicular Cel Hyperplasia Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: ABDOMINAL CAVITY, CLEAR FLUID, TGL 1-NST

Animal Note: THORACIC CAVITY, CLEAR FLUID, TGL 6-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 151

TRT#: 7

SEX: Male

DAY ON TEST: 582

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Mild
[ Degeneration TGLS = 4-6,6A ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Dilatation	Mild
Mesentery		Accessory Spleen	
[ Accessory Spleen TGLS = 2-17 ]			
* Nose	Olfactory Epi	Foreign Body	
	Olfactory Epi	Inflammation	Chronic Active, Minimal
	Respirat Epith	Inflammation	Chronic, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 1-10A; 3-16 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 5-15,15A ]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Marked
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 152

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
Note: TGL 5-NCL			
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1,2-7 ]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Note: ECTOPIC THYMUS PRESENT IN ONE LOBE OF THYROID.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 152

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913072

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 153

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Int Lg Cecum			
Note: IMPACTED WITH INGESTA. TGL 3-NCL			
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 5-6A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Marked
	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 154

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
* Liver		Mixed Cell Focus	
Note: TGL 4-NCL			
[ Mixed Cell Focus TGLS = 6-6B ]			
* Mammary Gland		Dilatation	Moderate
[ Dilatation TGLS = 2-10B ]			
* Nose	Respirat Epith	Hyperplasia	Marked
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Preputial Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 3-15,15A ]			
* Testes	Artery	Inflammation	Chronic Active, Mild
		Mesothelioma Malignant	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 155

TRT#: 7

SEX: Male

DAY ON TEST: 648

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

\* Preputial Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10B ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-16 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Saliv Glands			
Note: SMALL LYMPH NODE APPARENTLY MISTAKEN FOR LESION. TGL 7-NCL			
* Skin	Hair Follicle	Atrophy	Moderate
[ Atrophy TGLS = 1-10A ]			
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
[ Fibrosis TGLS = 6-3A ]			
* Testes	Interstitial Cell	Adenoma	
		Atrophy	Moderate
	Interstitial Cell	Hyperplasia	Moderate
[ Adenoma TGLS = 4-7 ]			
[ Atrophy TGLS = 3-7 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 155

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 648

**DOSE:** 650 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913075

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Atrophy

Moderate

\* Thyroid Gland

C Cell

Carcinoma

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**PRIMARY CAUSE OF DEATH**

- Mammary Gland Fibroadenoma

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Animal Note: CARCASS THIN, TGL 8-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 156

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Moderate
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: MEDIASTINAL LYMPH NODE MISSING.	TGL 9-NST		
[ Leukemia Mononuclear TGLS = 8-18 ]			
[ Leukemia Mononuclear TGLS = 10-19 ]			
[ Leukemia Mononuclear TGLS = 4-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 11-8 ]			
* Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

**ANIMAL ID:** 156

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913076

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 5-3,3A; 6-3A ]

\* Testes                      Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2,3-7 ]

\* Thymus                      Leukemia Mononuclear

\* Thyroid Gland              C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                            |                          |                           |
|-----------------------------|----------------------------|--------------------------|---------------------------|
| * Blood Vessel              | * Bone                     | * Brain                  | * Epididymis              |
| * Esophagus                 | * Heart                    | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic     | * Mammary Gland           |
| * Parathyroid Gland         | * Preputial Gland          | * Salivary Glands        | * Seminal Vesicle         |
| * Skin                      | * Stomach, Forestomach     | * Stomach, Glandular     | * Trachea                 |
| * Urinary Bladder           |                            |                          |                           |

OBSERVATIONS

- |                          |                                       |                      |      |
|--------------------------|---------------------------------------|----------------------|------|
| * Adrenal Cortex         |                                       | Leukemia Mononuclear |      |
| * Adrenal Medulla        |                                       | Leukemia Mononuclear |      |
| * Bone Marrow            |                                       | Leukemia Mononuclear |      |
| * Intestine Large, Cecum |                                       | Leukemia Mononuclear |      |
| * Intestine Small, Ileum |                                       | Leukemia Mononuclear |      |
| * Kidney                 |                                       | Leukemia Mononuclear |      |
|                          |                                       | Nephropathy          | Mild |
| * Liver                  |                                       | Leukemia Mononuclear |      |
|                          | [ Leukemia Mononuclear TGLS = 9-6 ]   |                      |      |
| * Lung                   |                                       | Leukemia Mononuclear |      |
|                          | [ Leukemia Mononuclear TGLS = 11-2A ] |                      |      |
| Lymph Node               | Deep Cervical                         | Leukemia Mononuclear |      |
|                          | Iliac                                 | Leukemia Mononuclear |      |
|                          | Mediastinal                           | Leukemia Mononuclear |      |
|                          | Pancreatic                            | Leukemia Mononuclear |      |
|                          | Renal                                 | Leukemia Mononuclear |      |
|                          | [ Leukemia Mononuclear TGLS = 12-3A ] |                      |      |
|                          | [ Leukemia Mononuclear TGLS = 14-18 ] |                      |      |
|                          | [ Leukemia Mononuclear TGLS = 6-9A ]  |                      |      |
|                          | [ Leukemia Mononuclear TGLS = 7-16 ]  |                      |      |
|                          | [ Leukemia Mononuclear TGLS = 10-17 ] |                      |      |
| * Lymph Node, Mandibular |                                       | Leukemia Mononuclear |      |
|                          | [ Leukemia Mononuclear TGLS = 1-9 ]   |                      |      |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 157

TRT#: 7

SEX: Male

DAY ON TEST: 686

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913077

ORGAN AND ACCOUNTABLE SITE STATUS

\* Lymph Node, Mesenteric

[ Leukemia Mononuclear TGLS = 5-8 ]

Leukemia Mononuclear

\* Nose

Respirat Epith

Hyperplasia

Mild

\* Pancreas

Leukemia Mononuclear

\* Pituitary Gland

Pars Distalis

Leukemia Mononuclear

\* Prostate

Leukemia Mononuclear

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 3-3,3B; 4-3B ]

\* Testes

Interstit Cell

Adenoma

Interstit Cell

Hyperplasia

Mild

[ Adenoma TGLS = 2-7 ]

\* Thymus

Leukemia Mononuclear

\* Thyroid Gland

C Cell

Adenoma

Note: THYROID ADENOMA THOUGHT TO BE PARATHYROID AT NECROPSY.

[ Adenoma TGLS = 13-2 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Intestine Large;Cecum Leukemia Mononuclear;Intestine Small;Ileum Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Prostate Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: ABDOMINAL CAVITY 05CC RED FLUID, TGL 8-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 158

TRT#: 7

SEX: Male

DAY ON TEST: 564

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 3-3A ]			
[ Leukemia Mononuclear TGLS = 3-3A ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Prostate		Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3 ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 5-15A ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 4-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 158

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 564

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913078

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia  
Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 690

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Lymph Node, Mandibular
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Fibrosis	Mild
Note: TGL 12-NCL			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-6,6A; 10-6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 11-18 ]			
[ Leukemia Mononuclear TGLS = 8-17 ]			
[ Leukemia Mononuclear TGLS = 13-3A ]			
[ Leukemia Mononuclear TGLS = 11-18 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 159

TRT#: 7

SEX: Male

DAY ON TEST: 690

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913079

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland [ Fibroadenoma TGLS = 1-10A ]		Fibroadenoma	
Mesentery [ Necrosis TGLS = 2-16 ]	Fat	Necrosis	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen  [ Fibrosis TGLS = 5-3B; 6-3B ] [ Leukemia Mononuclear TGLS = 5-3,3B ]		Fibrosis Leukemia Mononuclear	Mild
* Stomach, Forestomach [ Ulcer TGLS = 7-15,15A ]		Ulcer	Marked
* Testes [ Adenoma TGLS = 3,4-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 160

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 6-4 ]			
* Liver		Angiectasis Degeneration Hyperplasia	Minimal Cystic, Minimal Moderate
* Mammary Gland			
[ Hyperplasia TGLS = 1-18 ]			
Mesentery		Lipoma Necrosis	Mild
[ Lipoma TGLS = 5-16 ]	Fat		
[ Necrosis TGLS = 4-17 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]	Interstit Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 160

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913080

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Hyperplasia TGLS = 2-7 ]

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 161

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[ Clear Cell Focus TGLS = 4-6 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7; 2-7A ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 162

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 5-4 ]			
* Liver		Degeneration	Cystic, Minimal
[ Leukemia Mononuclear TGLS = 4-6 ]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 3-3 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 7-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 162

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913082

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 163

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Marked
[ Adenoma TGLS = 7-4A ]			
[ Cyst TGLS = 8-4 ]			
[ Nephropathy TGLS = 6-4,4A ]			
* Liver	Centrilobular	Vacuolization Cytoplasmic	Mild
Note: TGL 9-NCL			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Skin	Subcut Tiss	Fibroma	
* Spleen	Capsule	Pigmentation	Mild
[ Pigmentation TGLS = 4-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 5-15,15A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 10-15A.1 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 163

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913083

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Adenoma TGLS = 2-7; 3-7,7A ]

\* Thymus

Atrophy

Mild

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**PRIMARY CAUSE OF DEATH**

-

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 164

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 2-3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 7

SEX: Male

DAY ON TEST: 697

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Moderate
		Leukemia Mononuclear	
	[ Angiectasis TGLS = 15-6A ]		
	[ Leukemia Mononuclear TGLS = 10-6,6A; 15-6A ]		
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 12-2,2A,3 ]		
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	[ Hemorrhage TGLS = 9-9A ]		
	[ Hemorrhage TGLS = 11-3A ]		
	[ Leukemia Mononuclear TGLS = 11-3A ]		
* Lymph Node, Mandibular		Hemorrhage	Moderate
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 6-16 ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 165

TRT#: 7

DOSE: 650 PPM

SEX: Male

DISP: Natural Death

DAY ON TEST: 697

HISTO: MA913085

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [ Angiectasis TGLS = 13-8 ]	Pars Distalis	Angiectasis	Moderate
* Prostate		Leukemia Mononuclear	
* Skin [ Keratoacanthoma TGLS = 1-10A ] [ Ulcer TGLS = 2-10B ]		Keratoacanthoma Ulcer	Marked
* Spleen [ Fibrosis TGLS = 8-3 ] [ Leukemia Mononuclear TGLS = 7-3 ]		Fibrosis Leukemia Mononuclear	Moderate
* Stomach, Forestomach [ Ulcer TGLS = 14-15A ]		Ulcer	Marked
* Stomach, Glandular [ Inflammation TGLS = 14-15A ]		Inflammation	Chronic Active, Mild
* Testes [ Adenoma TGLS = 3,5-7 ] [ Atrophy TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Prostate Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 166

TRT#: 7

SEX: Male

DAY ON TEST: 520

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Bone Marrow		Atrophy	Moderate
* Heart	Atrium	Thrombosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3,4-6 ]			
* Lung		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-16 ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[ Angiectasis TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 6-15,15A ]			
* Testes	Interstit Cell	Adenoma	
		Atrophy	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 166	<b>TRT#:</b> 7 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 520 <b>HISTO:</b> MA913086
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1-7 ] * Thymus	Interstit Cell	Hyperplasia  Atrophy	Mild  Minimal
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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 167

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                   |  |                         |          |
|-------------------|--|-------------------------|----------|
| * Adrenal Medulla |  | Pheochromocytoma Benign |          |
| * Heart           | Atrium                                 | Thrombosis              | Mild     |
| * Kidney          |  | Nephropathy             | Moderate |
| * Liver           |  | Leukemia Mononuclear    |          |
|                   | [ Leukemia Mononuclear TGLS = 6-6,6A ] |                         |          |
| * Lung            |  | Leukemia Mononuclear    |          |
| * Mammary Gland   |  | Fibroadenoma            |          |
|                   | [ Fibroadenoma TGLS = 2-10A ]          |                         |          |
| * Nose            | Respirat Epith                         | Hyperplasia             | Minimal  |
| * Skin            |  | Keratoacanthoma         |          |
|                   | [ Keratoacanthoma TGLS = 1-10B ]       |                         |          |
| * Spleen          |  | Leukemia Mononuclear    |          |
|                   | [ Leukemia Mononuclear TGLS = 5-3 ]    |                         |          |
| * Testes          | Bilateral, Interstit Cell              | Adenoma                 |          |
|                   | [ Adenoma TGLS = 3,4-7 ]               |                         |          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 168

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Prostate		Hyperplasia	Minimal
* Testes	Interstitial Cell	Adenoma	
	Interstitial Cell	Atrophy	Mild
[ Adenoma TGLS = 1-7 ]		Hyperplasia	Mild
[ Atrophy TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 169

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Islets, Pancreatic	* Pancreas
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OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Angiectasis	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 9-1 ]		
* Kidney		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-6A; 5-6B; 11-6,6A,6B ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-2,3; 7-2A ]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Olfactory Epi	Inflammation	Chronic Active, Moderate
	Respirat Epith	Inflammation	Chronic Active, Marked
	Note: ABUNDANT FUNGAL HYPHAE IN LUMEN.		
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-3,3A; 8-3A ]		
* Stomach, Forestomach		Ulcer	Marked

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 169

**TRT#:** 7  
**DOSE:** 650 PPM

**SEX:** Male  
**DISP:** Natural Death

**DAY ON TEST:** 707  
**HISTO:** MA913089

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Ulcer TGLS = 10-15A ]

\* Testes

[ Adenoma TGLS = 1,2-7 ]

Bilateral, Interstit Cell

Adenoma

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**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

**CONTRIBUTORY CAUSE OF DEATH**

- Adrenal Cortex Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Brain Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung  
Leukemia Mononuclear;Spleen Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 170

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
Eye		Atrophy	Marked
[ Atrophy TGLS = 1-16 ]			
* Kidney		Nephropathy	Mild
* Liver		Necrosis	Minimal
Note: DEFORMITY OF LOBE ACCOUNTS FOR GROSS LESION. TGL 4-NCL			
* Spleen			
Note: TGL 3-NCL			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 171

TRT#: 7

SEX: Male

DAY ON TEST: 502

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Thrombosis	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Stomach, Forestomach		Ulcer	Moderate
[ Ulcer TGLS = 6-15B ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 5-15,15A ]			
* Testes	Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 171

**TRT#:** 7  
**DOSE:** 650 PPM

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

**DAY ON TEST:** 502  
**HISTO:** MA913091

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph  
Node;Mandibular Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia  
Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 172

TRT#: 7

SEX: Male

DAY ON TEST: 682

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

\* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[ Hemorrhage TGLS = 7,9-1 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: TGL 11-NCL			
* Liver		Angiectasis	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6,6A; 10-6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Mild
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stomach, Glandular		Necrosis	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05  
Test Type: CHRONIC  
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA  
Test Compound: 1-Chloro-2-propanol, technical  
CAS Number: 127-00-4

Date Report Requested: 10/16/2014  
Time Report Requested: 16:37:28  
First Dose M/F: NA / NA  
Lab: TSI MASON

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<b>ANIMAL ID:</b> 172	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 682
	<b>DOSE:</b> 650 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913092

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 12-15,15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
* Thymus		Atrophy	Moderate
		Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Mild
[ Hemorrhage TGLS = 8-9A ]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Kidney Leukemia Mononuclear;Lymph Node;Mandibular Mononuclear;Thymus Leukemia Mononuclear	Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Leukemia Mononuclear;Spleen Leukemia

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 173

TRT#: 7

SEX: Male

DAY ON TEST: 728

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
	Atrium	Thrombosis	Marked
	[ Thrombosis TGLS = 6-13 ]		
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-6 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	[ Hemorrhage TGLS = 7-3A ]		
	[ Leukemia Mononuclear TGLS = 7-3A ]		
	[ Leukemia Mononuclear TGLS = 8-16 ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Ulcer	Moderate
	[ Ulcer TGLS = 9-15,15A ]		
* Stomach, Glandular		Necrosis	Mild
	[ Necrosis TGLS = 9-15A ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 173	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 728
	<b>DOSE:</b> 650 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913093

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Testes [ Adenoma TGLS = 1,2-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy Leukemia Mononuclear	Mild

---

**PRIMARY CAUSE OF DEATH** - UNCERTAIN  
**CONTRIBUTORY CAUSE OF DEATH** - Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

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Animal Note: THORACIC CAVITY 2-3CC CLEAR FLUID, TGL 5-NST

Animal Note: CARCASS YELLOW, TGL 3-NST

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 174

TRT#: 7

SEX: Male

DAY ON TEST: 648

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone [ Osteosarcoma TGLS = 6-16 ]		Osteosarcoma	
* Esophagus Note: TGL 4-NCL			
* Heart		Mineralization	Mild
* Intestine Large, Cecum [ Necrosis TGLS = 8-5A ]		Necrosis	Moderate
* Kidney [ Nephropathy TGLS = 3-4 ]		Mineralization Nephropathy	Moderate Moderate
* Liver Note: TGL 10-NCL			
* Lung Note: TGL 5-NCL		Inflammation	Chronic Active, Mild
* Nose		Foreign Body	
* Pituitary Gland [ Angiectasis TGLS = 7-8 ]	Respirat Epith Pars Distalis Pars Distalis	Inflammation Angiectasis Hyperplasia	Chronic Active, Marked Mild Mild
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular [ Necrosis TGLS = 9-15A ]		Necrosis	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 174

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 648

**DOSE:** 650 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913094

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**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Testes  
[ Adenoma TGLS = 1-7,7A; 2-7 ]

Bilateral, Interstit Cell

Adenoma

\* Thymus

Atrophy

Moderate

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PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 175

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [ Nephropathy TGLS = 3-4 ]		Nephropathy	Marked
* Liver [ Mixed Cell Focus TGLS = 6-6A ]		Mixed Cell Focus	
Lymph Node [ Hyperplasia TGLS = 4-16 ] [ Pigmentation TGLS = 4-16 ]	Renal Renal	Hyperplasia Pigmentation	Lymphoid, Minimal Mild
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland [ Adenoma TGLS = 5-8 ]	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Pigmentation	Mild
* Testes [ Adenoma TGLS = 1,2-7 ]	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 176

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Minimal
		Nephropathy	Marked
	[ Nephropathy TGLS = 6-4 ]		
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
	Note: TGL 7-NCL		
	[ Clear Cell Focus TGLS = 11-6,6A ]		
	[ Hepatocellular Adenoma TGLS = 11-6A ]		
* Lung		Hemorrhage	Mild
	[ Hemorrhage TGLS = 9-2A ]		
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Pigmentation	Minimal
	Note: MEDIASTINAL LYMPH NODE INADQUATE SECTION. TGL 10-NST		
	[ Hemorrhage TGLS = 8-16 ]		
	[ Pigmentation TGLS = 8-16 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 176

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913096

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 12-8 ]			
* Preputial Gland		Adenoma	
[ Adenoma TGLS = 1-10A ]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 5-3 ]			
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7,7A; 3-7 ]			

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 177

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 4-6 ]			
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Pigmentation	Moderate
[ Hemorrhage TGLS = 3-16 ]			
[ Pigmentation TGLS = 3-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1-7; 2-7,7A ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 178

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
Note: ISLET CARCINOMA MISTAKEN FOR LYMPH NODE AT NECROPSY.			
[ Carcinoma TGLS = 7-9 ]			
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 4-3A ]			
[ Leukemia Mononuclear TGLS = 3-3,3A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 1,2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 178

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913098

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	

Note: TGL 13-NCL. NODULE HAS NORMAL MORPHOLOGY; ENTIRE LIVER SLIGHTLY NODULAR.

[ Leukemia Mononuclear TGLS = 8-6,6A ]

* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

[ Hemorrhage TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 9-16 ]

[ Leukemia Mononuclear TGLS = 10-3A ]

* Lymph Node, Mandibular		Leukemia Mononuclear	
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[ Leukemia Mononuclear TGLS = 3-9 ]

* Lymph Node, Mesenteric		Leukemia Mononuclear	
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[ Leukemia Mononuclear TGLS = 6-8 ]

* Nose	Respirat Epith	Hyperplasia	Minimal
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 179

TRT#: 7

SEX: Male

DAY ON TEST: 721

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913099

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FUNGAL HYHAE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Moderate
* Pituitary Gland [ Adenoma TGLS = 11-8A ]	Pars Distalis	Adenoma	
* Skin [ Fibroma TGLS = 2-10A ] [ Keratoacanthoma TGLS = 4-10B ]	Subcut Tiss	Fibroma Keratoacanthoma	
* Spleen [ Leukemia Mononuclear TGLS = 7-3 ]		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 12-7A ] [ Atrophy TGLS = 5-7 ]	Interstit Cell  Interstit Cell	Adenoma Atrophy Hyperplasia	Mild Moderate
* Thymus * Thyroid Gland	C Cell	Atrophy Hyperplasia	Mild Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Leukemia Mononuclear;Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear		

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 180

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Cyst	Mild
[ Cyst TGLS = 1-10 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 4-10A ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Degeneration	Cystic, Minimal
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 4-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[ Hyperplasia TGLS = 5-8 ]			
* Preputial Gland		Cyst	Moderate
[ Cyst TGLS = 2-10 ]			
* Skin	Subcut Tiss	Foreign Body	
	Subcut Tiss	Inflammation	Chronic Active, Marked
		Ulcer	Marked
[ Inflammation TGLS = 1-17 ]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 3-7 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 6-8 ]			
* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Kidney		Nephropathy	Mild
* Liver		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 10-6A ]		Vacuolization Cytoplasmic	Mild
[ Vacuolization Cytoplasmic TGLS = 9-6A; 10-6 ]			
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: TGL 8-NCL			
[ Alveolar/Bronchiolar Carcinoma TGLS = 7-2 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-16 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Adenoma	
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
[ Fibrosis TGLS = 5-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2,3-7 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:28

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

**Lab:** TSI MASON

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**ANIMAL ID:** 182

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913102

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thymus

Atrophy

Mild

\* Thyroid Gland

C Cell

Adenoma

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 672

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hemorrhage	Marked
[ Hemorrhage TGLS = 7-8 ]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Minimal
	Renal	Hemorrhage	Mild
		Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	

Note: TGL 4 INVOLVES LYMPH NODE, NOS; HOWEVER TERM NOT AVAILABLE.

[ Hemorrhage TGLS = 4-18 ]

[ Hemorrhage TGLS = 9-19 ]

[ Hemorrhage TGLS = 6-16 ]

[ Hemorrhage TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 9-19 ]

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 672

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913103

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 4-18 ]

[ Leukemia Mononuclear TGLS = 6-16 ]

\* Lymph Node, Mesenteric

Hemorrhage

Mild

Mesentery

Fat

Necrosis

Marked

[ Necrosis TGLS = 3-17 ]

\* Nose

Respirat Epith

Hyperplasia

Minimal

\* Pancreas

Acinus

Atrophy

Minimal

\* Preputial Gland

Cyst

Mild

\* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[ Fibrosis TGLS = 12-3B ]

[ Leukemia Mononuclear TGLS = 5-3,3B ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 13-15,15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 2-7,7A ]

\* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS YELLOW, TGL 1-NST

Animal Note: THORACIC CAVITY 1-2CC CLEAR FLUID, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Medulla  
\* Esophagus  
\* Intestine Small, Duodenum  
\* Preputial Gland  
\* Skin  
\* Urinary Bladder

\* Blood Vessel  
\* Intestine Large, Cecum  
\* Islets, Pancreatic  
\* Prostate  
\* Stomach, Forestomach

\* Bone  
\* Intestine Large, Colon  
\* Pancreas  
\* Salivary Glands  
\* Thyroid Gland

\* Epididymis  
\* Intestine Large, Rectum  
\* Parathyroid Gland  
\* Seminal Vesicle  
\* Trachea

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Bone Marrow

\* Intestine Small, Ileum

\* Intestine Small, Jejunum

OBSERVATIONS

\* Adrenal Cortex  
\* Brain  
\* Heart

Atrium

Leukemia Mononuclear  
Hemorrhage  
Cardiomyopathy  
Thrombosis

Minimal  
Moderate  
Marked

[ Thrombosis TGLS = 12-13 ]

\* Kidney  
\* Liver

Nephropathy  
Leukemia Mononuclear

Mild

[ Leukemia Mononuclear TGLS = 9-6 ]

\* Lung

Leukemia Mononuclear

Lymph Node

Mediastinal  
Pancreatic  
Mediastinal  
Pancreatic

Hemorrhage  
Hemorrhage  
Leukemia Mononuclear  
Leukemia Mononuclear

Minimal  
Minimal

[ Hemorrhage TGLS = 6-16 ]

[ Hemorrhage TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 10-3A ]

[ Leukemia Mononuclear TGLS = 6-16 ]

\* Lymph Node, Mandibular

Hemorrhage  
Leukemia Mononuclear

Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 184

TRT#: 7

SEX: Male

DAY ON TEST: 709

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913104

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 3-9 ]

\* Lymph Node, Mesenteric

Leukemia Mononuclear

Mesentery

Fat

Necrosis

Marked

[ Necrosis TGLS = 5-17 ]

\* Nose

Respirat Epith

Hyperplasia

Minimal

Respirat Epith

Inflammation

Chronic Active, Marked

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Pituitary Gland

Pars Distalis

Leukemia Mononuclear

\* Skin

Note: TGL 1-NCL

\* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[ Fibrosis TGLS = 8-3B ]

[ Leukemia Mononuclear TGLS = 7-3,3B ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 14-15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

[ Adenoma TGLS = 4-7,7A,7A.1 ]

\* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS YELLOW, TGL 2-NST

Animal Note: THORACIC CAVITY .5ML YELLOW FLUID, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Cyst	Marked
		Nephropathy	Marked
[ Cyst TGLS = 7-4A ]			
[ Nephropathy TGLS = 5-4,4A ]			
* Liver		Degeneration	Cystic, Mild
Note: TGL 8-NCL; TGL 9-NCL			
Lymph Node	Renal	Hemorrhage	Mild
	Renal	Pigmentation	Mild
[ Hemorrhage TGLS = 10-16 ]			
[ Pigmentation TGLS = 10-16 ]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Plasma Cell, Mild
[ Ectasia TGLS = 3-9 ]			
[ Hyperplasia TGLS = 3-9 ]			
* Lymph Node, Mesenteric		Ectasia	Mild
[ Ectasia TGLS = 6-8 ]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 185	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 650 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MA913105

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Fibroadenoma TGLS = 1-10A ]			
* Nose Note: FUNGAL HYPHAE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland [ Adenoma TGLS = 11-8 ]	Pars Distalis	Adenoma	
* Preputial Gland		Carcinoma Fibrosis	Mild
[ Carcinoma TGLS = 2-10B ]			
* Stomach, Forestomach [ Ulcer TGLS = 13-15A ]		Ulcer	Marked
* Testes [ Adenoma TGLS = 4-7 ]	Bilateral, Interstit Cell	Adenoma	
* Thymus		Atrophy	Moderate

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PRIMARY CAUSE OF DEATH

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Animal Note: CARCASS THIN, TGL 12-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney [ Nephropathy TGLS = 4-4 ]		Nephropathy	Marked
* Liver Note: TGL 6-NCL			
Lymph Node [ Hemorrhage TGLS = 7-17 ] [ Pigmentation TGLS = 7-17 ]	Renal Renal	Hemorrhage Pigmentation	Minimal Mild
* Lymph Node, Mandibular [ Ectasia TGLS = 2-9 ] [ Hyperplasia TGLS = 2-9 ]		Ectasia Hyperplasia	Mild Lymphoid, Moderate
* Mammary Gland Mesentery [ Necrosis TGLS = 8-16 ]	Fat	Dilatation Necrosis	Mild Moderate
* Nose Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Marked
* Pituitary Gland [ Adenoma TGLS = 9-8 ]	Pars Distalis	Adenoma	
* Preputial GI Note: TGL 10-NCL			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 186	<b>TRT#:</b> 7 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 676 <b>HISTO:</b> MA913106
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Forestomach Note: ULCER ADJACENT TO GLANDULAR AREA. [ Ulcer TGLS = 5-15 ]		Ulcer	Marked
* Testes [ Atrophy TGLS = 3-7 ]	Artery	Atrophy Inflammation	Moderate Chronic Active, Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	

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**PRIMARY CAUSE OF DEATH** - Pituitary Gland Pars Distalis Adenoma

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 605

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Eye [ Atrophy TGLS = 4-16 ]		Atrophy	Marked
Harderian Gland [ Histiocytic Sarcoma TGLS = 8-17 ]		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver [ Histiocytic Sarcoma TGLS = 7-6 ]		Histiocytic Sarcoma	
* Lung		Inflammation	Acute, Marked
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose		Histiocytic Sarcoma	
* Pancreas	Respirat Epith	Inflammation	Chronic Active, Moderate
* Salivary Glands [ Histiocytic Sarcoma TGLS = 5-9 ]	Acinus	Hyperplasia	Marked
Skeletal Muscle		Histiocytic Sarcoma	
* Stomach, Forestomach [ Hemorrhage TGLS = 6-15A ]		Hemorrhage	Mild
* Stomach, Glandular [ Necrosis TGLS = 9-15B ]		Necrosis	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:28  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 187

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 605

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913107

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 2,3-7 ]

\* Thymus

Atrophy

Moderate

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Harderian Gland Histiocytic Sarcoma; Liver Histiocytic Sarcoma; Lymph Node; Mandibular Histiocytic Sarcoma; Nose Histiocytic Sarcoma; Salivary Glands Histiocytic Sarcoma; Skeletal Muscle Histiocytic Sarcoma

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

AUTO PRECLUDES DIAG.

* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
		Leukemia Mononuclear	
	[ Hepatocellular Carcinoma TGLS = 9-6A; 10-6 ]		
	[ Leukemia Mononuclear TGLS = 8-6 ]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	[ Hemorrhage TGLS = 11-3A ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-8 ]		
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
	Note: FUNGAL HYPHAE IN NASAL CAVITY.		
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913108

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 6-3 ]

\* Stomach, Glandular

Necrosis

Moderate

[ Necrosis TGLS = 12-15,15A ]

\* Testes

Bilateral, Interstit Cell

Adenoma

Note: 4-NCL

[ Adenoma TGLS = 5-7 ]

\* Thymus

Atrophy

Moderate

\* Urin Bladder

Note: TGL 3-NCL

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 630

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Pituitary Gland
* Seminal Vesicle	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus	
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OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
Note: NODULE WAS MORPHOLOGICALLY SIMILAR TO REST OF LIVER. TGL 13-NCL			
		[ Leukemia Mononuclear TGLS = 9-6 ]	
* Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
		[ Hemorrhage TGLS = 10-2A ]	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 8-16 ]	
		[ Leukemia Mononuclear TGLS = 7-9 ]	
		[ Leukemia Mononuclear TGLS = 12-3 ]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 1-9 ]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[ Leukemia Mononuclear TGLS = 4-8 ]	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:28

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 189	<b>TRT#:</b> 7 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Male <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 630 <b>HISTO:</b> MA913109
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ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Olfactory Epi Respirat Epith Respirat Epith	Degeneration Hyperplasia Inflammation	Hyaline, Minimal Minimal Chronic Active, Minimal
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibrosis	Mild
* Spleen		Leukemia Mononuclear Necrosis	Mild
	[ Leukemia Mononuclear TGLS = 5-3 ] [ Necrosis TGLS = 6-3 ]		
* Stomach, Forestomach		Ulcer	Marked
	[ Ulcer TGLS = 14-15 ]		
* Stomach, Glandular		Necrosis	Mild
	[ Necrosis TGLS = 14-15 ]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[ Adenoma TGLS = 2,3-7 ]		
* Thyroid Gland		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Duodenum Leukemia Mononuclear;Intestine Small;Ileum Leukemia Mononuclear;Intestine Small;Jejunum Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Prostate Leukemia Mononuclear;Salivary Glands Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thyroid Gland Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 520

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
Lymph Node	Renal	Hemorrhage	Mild
[ Hemorrhage TGLS = 5-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial GI			
Note: TGL 3-NCL			
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Lipoma	
[ Fibroma TGLS = 2-10B ]			
[ Lipoma TGLS = 1-10A ]			
* Stom Gland			
Note: TGL 6-NCL			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[ Adenoma TGLS = 4-7,7A ]			
[ Hyperplasia TGLS = 4-7,7A ]			
* Thymus		Atrophy	Mild
Note: CILIATED EPITHELIUM PRESENT.			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 190

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 520

**DOSE:** 650 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913110

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 714

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 19-1 ]			
* Intestine Small, Jejunum		Fibrosis	Minimal
[ Fibrosis TGLS = 7-19 ]			
* Kidney		Atrophy	Moderate
[ Atrophy TGLS = 12-4 ]		Nephropathy	Marked
[ Nephropathy TGLS = 18-4 ]			
* Liver		Degeneration	Cystic, Mild
[ Leukemia Mononuclear TGLS = 11-6 ]		Leukemia Mononuclear	
* Lung		Hemorrhage	Minimal
[ Hemorrhage TGLS = 15-2A ]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 13-18 ]			
[ Leukemia Mononuclear TGLS = 16-17 ]			
[ Leukemia Mononuclear TGLS = 8-9 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 714

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913111

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 14-3,3.1 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-8 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 6-16 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 17-20 ]			
* Spleen		Cyst	Minimal
		Leukemia Mononuclear	
[ Cyst TGLS = 10-3 ]			
[ Leukemia Mononuclear TGLS = 9-3,3.1 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 20-15 ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 20-15 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TESTIS WITHIN NORMAL LIMITS. TGL 3-NCL			
[ Adenoma TGLS = 4-7 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia Mononuclear;Lymph Node Pancreatic  
Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia  
Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 5-8 ]			
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Marked
[ Nephropathy TGLS = 4-4 ]			
* Liver		Angiectasis	Moderate
[ Angiectasis TGLS = 6-6 ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Minimal
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 7-16 ]			
[ Hemorrhage TGLS = 8-3B ]			
[ Leukemia Mononuclear TGLS = 8-3B ]			
[ Leukemia Mononuclear TGLS = 7-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Keratoacanthoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 192	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 729
	<b>DOSE:</b> 650 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MA913112

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Keratoacanthoma TGLS = 1-10A ]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[ Fibrosis TGLS = 3-3,3A ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 9-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 2-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 569

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Atrophy	Moderate
* Kidney		Nephropathy	Mild
* Mammary Gland		Dilatation	Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Inflammation	Chronic Active, Moderate
	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8 ]		
* Skin			
Note: SKIN, SUBCUTIS, NORMAL. THE PALE "NODE" IS A NODULE OF DEPOT FAT. TGL 2-NCL			
* Testes		Atrophy	Marked
	[ Atrophy TGLS = 3-7 ]		

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 6,7,8-6,6.1,6.2,6A.1 ]			
* Lung	Alveolar Epith	Hyperplasia	Marked
[ Hyperplasia TGLS = 9-3 ]			
* Mammary Gland		Hyperplasia	Mild
[ Hyperplasia TGLS = 3-10A ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Inflammation	Chronic Active, Marked
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal
	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Fibrosis	Mild
[ Fibrosis TGLS = 4-3 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 194

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 729

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913114

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 1,2-7 ]

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 683

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 15-7 ]			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Degeneration	Cystic, Moderate
		Leukemia Mononuclear	
		Necrosis	Mild
[ Leukemia Mononuclear TGLS = 11-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Mesothelioma Malignant	
[ Leukemia Mononuclear TGLS = 12-3C ]			
[ Mesothelioma Malignant TGLS = 9-18 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
Mesentery		Mesothelioma Malignant	
[ Mesothelioma Malignant TGLS = 3-17; 7,10-9A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 683

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913115

**ORGAN AND ACCOUNTABLE SITE STATUS**

Peritoneum	Respirat Epith	Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Moderate
[ Mesothelioma Malignant TGLS = 2-16 ]		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 14-8 ]			
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 13-10 ]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: TGL 16-NCL; TGL 17-NCL			
[ Fibrosis TGLS = 8-3 ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 18-15A ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
Note: ATROPHY SECONDARY TO NEOPLASMS. TGL 4-NCL			
[ Adenoma TGLS = 5,6-7 ]			
* Thymus		Hemorrhage	Mild
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH

- Mesentery Mesothelioma Malignant

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                   |                        |                 |                   |
|-------------------|------------------------|-----------------|-------------------|
| * Blood Vessel    | * Bone                 | * Epididymis    | * Esophagus       |
| * Mammary Gland   | * Parathyroid Gland    | * Prostate      | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Thyroid Gland | * Trachea         |
| * Urinary Bladder |                        |                 |                   |

AUTO PRECLUDES DIAG.

- |                          |                            |                           |                             |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Intestine Large, Cecum | * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic      |                             |

OBSERVATIONS

- |                                       |                |                      |                  |
|---------------------------------------|----------------|----------------------|------------------|
| * Adrenal Cortex                      |                | Leukemia Mononuclear |                  |
| * Adrenal Medulla                     |                | Leukemia Mononuclear |                  |
| * Bone Marrow                         |                | Leukemia Mononuclear |                  |
| * Brain                               |                | Necrosis             | Moderate         |
| [ Necrosis TGLS = 9-1A ]              |                |                      |                  |
| * Heart                               |                | Cardiomyopathy       | Mild             |
| * Kidney                              |                | Nephropathy          | Mild             |
| * Liver                               |                | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 3-6 ]   |                |                      |                  |
| * Lung                                |                | Leukemia Mononuclear |                  |
| Lymph Node                            | Mediastinal    | Leukemia Mononuclear |                  |
|                                       | Pancreatic     | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 2-9A ]  |                |                      |                  |
| [ Leukemia Mononuclear TGLS = 12-3B ] |                |                      |                  |
| * Lymph Node, Mandibular              |                | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 10-9 ]  |                |                      |                  |
| * Lymph Node, Mesenteric              |                | Leukemia Mononuclear |                  |
| [ Leukemia Mononuclear TGLS = 11-8 ]  |                |                      |                  |
| * Nose                                | Olfactory Epi  | Degeneration         | Hyaline, Minimal |
|                                       | Respirat Epith | Hyperplasia          | Minimal          |
| * Pancreas                            |                | Leukemia Mononuclear |                  |
| * Pituitary Gland                     | Pars Distalis  | Leukemia Mononuclear |                  |

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 663

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913116

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Minimal
* Skin		Hyperkeratosis	Mild
[ Hyperkeratosis TGLS = 5-16 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3,3A; 6-3; 7-3A ]			
* Stomach, Glandular		Necrosis	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 8-7 ]			
* Thymus		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-3B ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Pituitary Gland Pars Distalis Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 676

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

\* Stomach, Forestomach

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[ Hepatocellular Adenoma TGLS = 13-6 ]			
[ Leukemia Mononuclear TGLS = 8-6 ]			
[ Mixed Cell Focus TGLS = 13-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Marked
	Mediastinal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 3-9A ]			
[ Hemorrhage TGLS = 9-3B ]			
[ Leukemia Mononuclear TGLS = 9-3B ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-8 ]			
* Mammary Gland		Dilatation	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 197	<b>TRT#:</b> 7 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Male <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 676 <b>HISTO:</b> MA913117
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ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland [ Adenoma TGLS = 11-8 ]	Pars Distalis	Adenoma	
* Spleen [ Fibrosis TGLS = 6-3,3A ] [ Leukemia Mononuclear TGLS = 4-3,3A; 6-3 ]		Fibrosis Leukemia Mononuclear	Mild
* Stom Forestom Note: TGL 7-NCL			
* Stomach, Glandular [ Necrosis TGLS = 12-15,15A ]		Necrosis	Mild
* Testes [ Adenoma TGLS = 1-7 ] [ Atrophy TGLS = 2-7 ]	Interstit Cell	Adenoma Atrophy	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Node Mediastinal	Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Liver Leukemia Mononuclear;Spleen
			Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph

Animal Note: CARCASS YELLOW, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 597

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Heart		Cardiomyopathy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 2-15A ]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 3-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[ Nephropathy TGLS = 2-4 ]			
* Liver		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 6-6A ]			
* Lymph Node, Mandibular		Ectasia	Moderate
[ Ectasia TGLS = 1-9 ]			
* Nose	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[ Keratoacanthoma TGLS = 3-10 ]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[ Adenoma TGLS = 5-7 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 585

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- \* Thymus

AUTO PRECLUDES DIAG.

- |                          |                            |
|--------------------------|----------------------------|
| * Intestine Small, Ileum | * Intestine Small, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- |   |                |                         |                   |
|---|----------------|-------------------------|-------------------|
| * Adrenal Medulla<br>[ Pheochromocytoma Benign TGLS = 7-8 ] |                | Pheochromocytoma Benign |                   |
| * Heart   |                | Cardiomyopathy          | Mild              |
| * Kidney  |                | Nephropathy             | Mild              |
| * Liver<br>[ Leukemia Mononuclear TGLS = 9-6 ]              |                | Leukemia Mononuclear    |                   |
| * Lung  |                | Leukemia Mononuclear    |                   |
| * Lym Node Mand<br>Note: TGL 4-NCL                          |                |                         |                   |
| Lymph Node  | Mediastinal    | Hemorrhage              | Mild              |
|   | Pancreatic     | Hyperplasia             | Lymphoid, Minimal |
|   | Mediastinal    | Leukemia Mononuclear    |                   |
|   | Renal          | Pigmentation            | Mild              |
| [ Hemorrhage TGLS = 10-3A ]                                 |                |                         |                   |
| [ Hyperplasia TGLS = 6-9 ]                                  |                |                         |                   |
| [ Leukemia Mononuclear TGLS = 10-3A ]                       |                |                         |                   |
| [ Pigmentation TGLS = 8-16 ]                                |                |                         |                   |
| * Nose  | Respirat Epith | Hyperplasia             | Mild              |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 585

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913120

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland [ Carcinoma TGLS = 2,5-10A ]		Carcinoma	
* Skin [ Fibrosarcoma TGLS = 1-10B ]	Subcut Tiss	Fibrosarcoma	
* Spleen		Leukemia Mononuclear	
* Testes [ Adenoma TGLS = 3-7 ]	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 216

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
Note: TGL 5-NCL			
* Lung	Artery	Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
		Hyperplasia	Mild
Note: THE NEOPLASM CONTAINS MULTIPLE LARGE CYSTS. [ Fibroadenoma TGLS = 1-10A ]			
* Nose			
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Uterus	Bilateral	Polyp Stromal	
[ Polyp Stromal TGLS = 2,3-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 217

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: MA913237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Adenoma	
* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Eosinophilic Focus TGLS = 3-6 ]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Mild
[ Dilatation TGLS = 2-10A ]			
[ Fibroadenoma TGLS = 2-10 ]			
* Skin		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-15 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 218

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Hepatodiaphragmatic Nodule	
Note: NODULE NOT SEEN SEPARATE FROM MASS IN 6 AND 6.1 RC. TGL 4-NCL [ Hepatodiaphragmatic Nodule TGLS = 3-6,6.1; 6-6A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-15 ]			
* Nose	Olfactory Epi	Inflammation	Chronic Active, Mild
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	
* Uterus		Hydrometra	Moderate
[ Hydrometra TGLS = 2-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 219

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 712

HISTO: MA913239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral GI			
Note: TGL 2-NCL			
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Marked
* Liver		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
[ Mixed Cell Focus TGLS = 3-6 ]			
* Mammary Gland		Fibroadenoma	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Carcinoma	
[ Carcinoma TGLS = 5-8 ]			
* Skin		Ulcer	Marked
[ Ulcer TGLS = 4-15 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus	Epithel Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Carcinoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 220

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Deformity	
Note: TGL 5=NCL			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10C; 4-10D ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[ Adenoma TGLS = 7-15 ]			
[ Cyst TGLS = 6-8 ]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 221

TRT#: 2

SEX: Female

DAY ON TEST: 670

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                |                        |                           |                   |
|----------------|------------------------|---------------------------|-------------------|
| * Blood Vessel | * Bone                 | * Brain                   | * Clitoral Gland  |
| * Esophagus    | * Heart                | * Intestine Large, Rectum | * Nose            |
| * Ovary        | * Parathyroid Gland    | * Pituitary Gland         | * Salivary Glands |
| * Skin         | * Stomach, Forestomach | * Thyroid Gland           | * Trachea         |
| * Uterus       |                        |                           |                   |

AUTO PRECLUDES DIAG.

- |                          |                             |                          |                            |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex         | * Adrenal Medulla           | * Bone Marrow            | * Intestine Large, Cecum   |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic     | * Kidney                    | * Pancreas               | * Thymus                   |
| * Urinary Bladder        |                             |                          |                            |

OBSERVATIONS

- |  |               |                      |         |
|--|---------------|----------------------|---------|
| * Liver  |               | Leukemia Mononuclear |         |
| * Lung   |               | Leukemia Mononuclear |         |
| Lymph Node   | Deep Cervical | Leukemia Mononuclear |         |
|  | Mediastinal   | Leukemia Mononuclear |         |
|  | Pancreatic    | Leukemia Mononuclear |         |
| [ Leukemia Mononuclear TGLS = 5-9B ]                         |               |                      |         |
| [ Leukemia Mononuclear TGLS = 7-3 ]                          |               |                      |         |
| [ Leukemia Mononuclear TGLS = 6-15 ]                         |               |                      |         |
| * Lymph Node, Mandibular                                     |               | Leukemia Mononuclear |         |
| [ Leukemia Mononuclear TGLS = 2-9A ]                         |               |                      |         |
| * Lymph Node, Mesenteric                                     |               | Leukemia Mononuclear |         |
| [ Leukemia Mononuclear TGLS = 1-8 ]                          |               |                      |         |
| * Mammary Gland  |               | Dilatation           | Minimal |
| * Spleen   |               | Leukemia Mononuclear |         |
| Note: SEVERE AUTOLYSIS PRECLUDES CONFIRMING TGL 4. TGL 4-NCL |               |                      |         |
| [ Leukemia Mononuclear TGLS = 3-3 ]                          |               |                      |         |
| * Stomach, Glandular   |               | Necrosis             | Minimal |
| [ Necrosis TGLS = 8-14 ]                                     |               |                      |         |

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 221

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 670

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913241

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Deep Cervical Leukemia  
Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia  
Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: ALL TISSUES MILDLY TO SEVERELY AUTOLYTIC.

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 222

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
	[ Basophilic Focus TGLS = 9-6A ]		
	[ Leukemia Mononuclear TGLS = 6-6,6A ]		
* Lung			
	Note: TGL 8-NCL		
* Mammary Gland		Fibroadenoma	Multiple
	[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10 ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 4-15 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 7-8 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-3 ]		
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 223

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913243

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
[ Dilatation TGLS = 1-10,10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 224

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 2-6,6A ]			
* Lung			
Note: TGL 1-NCL			
* Mammary Gland		Dilatation	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 225

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland [ Carcinoma TGLS = 1-10A ]		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus Eosinophilic Focus Inflammation	Granulomatous, Minimal
Note: TGL 3-NCL; TGL 6-NCL			
* Mammary Gland [ Fibroadenoma TGLS = 1-10A ]		Fibroadenoma	
* Ovary [ Cyst TGLS = 2-7A ]		Cyst	Moderate
* Pituitary Gland [ Adenoma TGLS = 5-8 ]	Pars Distalis	Adenoma	
* Skin [ Fibroma TGLS = 4-10 ]	Subcut Tiss	Fibroma	
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 226

TRT#: 2

SEX: Female

DAY ON TEST: 672

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Islets, Pancreatic		Metaplasia	Minimal
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-6 ]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
[ Hemorrhage TGLS = 5-9 ]		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-9 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
[ Hemorrhage TGLS = 8-8 ]		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 3-10B; 4-10C ]		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10A ]		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 6-15; 7-16 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

**ANIMAL ID:** 226

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 672

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913246

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Stomach, Glandular

[ Necrosis TGLS = 12-14,14A ]

Necrosis

Mild

\* Thymus

Atrophy

Moderate

\* Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric  
Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: THORACIC CAVITY, CLEAR FLUID, TGL 10-NST

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 227

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 672

HISTO: MA913247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Marked
* Clitoral Gland		Histiocytic Sarcoma	
* Kidney	Renal Tubule	Degeneration	Hyaline, Moderate
	[ Degeneration TGLS = 2-4 ]		
* Liver		Hemorrhage	Moderate
	[ Hemorrhage TGLS = 8-6A; 13-6C ]	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 8-6A; 9-6B; 13-6C ]		
* Lung		Hemorrhage	Mild
	[ Hemorrhage TGLS = 10-2A ]	Histiocytic Sarcoma	
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hemorrhage	Marked
Mesentery		Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 4-15 ]		
* Pancreas	Acinus	Atrophy	Minimal
* Skin	Subcut Tiss	Histiocytic Sarcoma	
	[ Histiocytic Sarcoma TGLS = 1-10A; 5-10B; 6-10C; 7-10D; 11-16 ]		
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Ulcer	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 227	<b>TRT#:</b> 2 <b>DOSE:</b> 0 PPM	<b>SEX:</b> Female <b>DISP:</b> Moribund Sacrifice	<b>DAY ON TEST:</b> 672 <b>HISTO:</b> MA913247
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Stomach, Glandular [ Necrosis TGLS = 12-14A ]	Necrosis	Mild
* Thymus	Atrophy	Moderate
* Thyroid Gland	Histiocytic Sarcoma	

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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Histiocytic Sarcoma;Liver Histiocytic Sarcoma;Lung Histiocytic Sarcoma;Mesentery Histiocytic Sarcoma;Skin Subcut Tiss Histiocytic Sarcoma;Thyroid Gland Histiocytic Sarcoma

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Animal Note: THORACIC CAVITY 1 CC RED FLUID, TGL 3-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 680

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Islets, Pancreatic	* Kidney
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Hemorrhage	Mild
	Iliac	Hemorrhage	Marked
	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
		Hemorrhage	Marked
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	

Note: MCL AND HEMORRHAGE PRESENT (TGL 2) AT AXILLARY LN, HOWEVER, TERM UNAVAILABLE.

[ Hemorrhage TGLS = 2-15 ]

[ Hemorrhage TGLS = 9-19 ]

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 228

TRT#: 2

SEX: Female

DAY ON TEST: 680

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913248

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hemorrhage TGLS = 15-3A ]			
[ Hemorrhage TGLS = 8-18 ]			
[ Hemorrhage TGLS = 16-22 ]			
[ Hemorrhage TGLS = 12-21 ]			
[ Leukemia Mononuclear TGLS = 9-19 ]			
[ Leukemia Mononuclear TGLS = 8-18 ]			
[ Leukemia Mononuclear TGLS = 16-22 ]			
[ Leukemia Mononuclear TGLS = 2-15 ]			
[ Leukemia Mononuclear TGLS = 12-21 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-9A ]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 6-8A ]			
[ Leukemia Mononuclear TGLS = 6-8A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 4-10A ]			
Mesentery		Hemorrhage	Mild
		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[ Hemorrhage TGLS = 11-20 ]			
[ Leukemia Mononuclear TGLS = 11-20 ]			
[ Necrosis TGLS = 5-16; 7-17 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 17-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 10-3 ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 18-14 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**ANIMAL ID:** 228

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 680

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913248

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Thymus

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 14-3A ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node  
Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Deep Cervical  
Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node;Mandibular Leukemia  
Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Mesentery Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia  
Mononuclear

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 229

TRT#: 2

SEX: Female

DAY ON TEST: 720

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Marked
* Heart	Atrium	Thrombosis	Marked
[ Thrombosis TGLS = 6-13 ]			
* Kidney		Nephropathy	Minimal
* Liver		Pigmentation	Bile, Mild
		Vacuolization Cytoplasmic	Marked
[ Vacuolization Cytoplasmic TGLS = 4-6; 7-6A ]			
* Lymph Node, Mandibular		Atrophy	Marked
* Lymph Node, Mesenteric		Atrophy	Moderate
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Atrophy	Marked
[ Atrophy TGLS = 2-3 ]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Minimal
Note: THE FORESTOMACH LESIONS SUGGEST ULCERATION NEARBY. TGL 8-NCL			
* Stomach, Glandular		Necrosis	Marked
[ Necrosis TGLS = 3-14, 14A ]			
* Thymus		Atrophy	Marked
* Uterus		Hemorrhage	Marked
[ Hemorrhage TGLS = 1-7A ]			

PRIMARY CAUSE OF DEATH

- Heart Atrium Thrombosis

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 230

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                           |                             |                          |                            |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla         | * Blood Vessel              | * Bone Marrow            | * Brain                    |
| * Clitoral Gland          | * Esophagus                 | * Heart                  | * Intestine Large, Cecum   |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular  | * Nose                      | * Pancreas               | * Parathyroid Gland        |
| * Salivary Glands         | * Skin                      | * Stomach, Forestomach   | * Stomach, Glandular       |
| * Thymus                  | * Thyroid Gland             | * Trachea                | * Urinary Bladder          |
| * Uterus                  |                             |                          |                            |

OBSERVATIONS

- |                                     |               |                      |          |
|-------------------------------------|---------------|----------------------|----------|
| * Adrenal Cortex                    |               | Leukemia Mononuclear |          |
| * Bone                              |               | Hyperostosis         | Marked   |
| * Intestine Large, Colon            |               | Parasite Metazoan    | Minimal  |
| * Islets, Pancreatic                |               | Adenoma              |          |
| [ Adenoma TGLS = 8-9 ]              |               |                      |          |
| * Kidney                            |               | Nephropathy          | Mild     |
| * Liver                             |               | Basophilic Focus     |          |
|                                     |               | Leukemia Mononuclear |          |
| [ Leukemia Mononuclear TGLS = 7-6 ] |               |                      |          |
| * Lung                              |               | Leukemia Mononuclear |          |
| * Lymph Node, Mesenteric            |               | Leukemia Mononuclear |          |
| * Mammary Gland                     |               | Dilatation           | Moderate |
|                                     |               | Fibroadenoma         |          |
| [ Fibroadenoma TGLS = 1-10A ]       |               | Hyperplasia          | Mild     |
| * Ovary                             |               | Cyst                 | Mild     |
| [ Cyst TGLS = 3-7A ]                |               |                      |          |
| * Pituitary Gland                   | Pars Distalis | Hemorrhage           | Mild     |
| [ Hemorrhage TGLS = 5-8 ]           |               |                      |          |
| * Spleen                            |               | Fibrosis             | Mild     |
| [ Fibrosis TGLS = 6-3A ]            |               | Leukemia Mononuclear |          |

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 230

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 729

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 4-3,3A ]

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia  
Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: ABDOMINAL CAVITY RED FLUID, TGL 2-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 231

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Cyst	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Eosinophilic Focus TGLS = 1-6+6A ]			
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 232

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 3-6A ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[ Hemorrhage TGLS = 6-3A ]			
[ Pigmentation TGLS = 6-3A ]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Moderate
Tongue		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 5-15 ]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 233

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Clitoral Gland	Bilateral	Carcinoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lym Node Mand			
Note: TGL 3-NCL			
Lymph Node	Renal	Hyperplasia	Histiocytic, Mild
	Renal	Pigmentation	Minimal
[ Hyperplasia TGLS = 4-15 ]			
[ Pigmentation TGLS = 4-15 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 234

TRT#: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
			[ Dilatation TGLS = 1-10,10A ]
			[ Fibroadenoma TGLS = 2-10B ]
* Pituitary Gland	Pars Distalis	Adenoma	
			[ Adenoma TGLS = 3-8 ]
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 235

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Marked
		Nephropathy	Minimal
[ Cyst TGLS = 4-4,4A ]			
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 5-6A ]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 236

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-15 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Pigmentation	Mild
* Thyroid Gland		Infiltration Cellular	Mixed Cell, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 237

TRT#: 2

SEX: Female

DAY ON TEST: 597

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex [ Angiectasis TGLS = 3-8 ]		Angiectasis	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Mineralization	Moderate
* Kidney [ Nephropathy TGLS = 4-4 ]		Nephropathy	Moderate
* Liver		Mixed Cell Focus	
* Lymph Node, Mandibular [ Hemorrhage TGLS = 2-9 ] [ Hyperplasia TGLS = 2-9 ]		Hemorrhage Hyperplasia	Mild Plasma Cell, Mild
* Mammary Gland [ Dilatation TGLS = 6-10A ]		Dilatation	Marked
* Ovary		Angiectasis	Mild
* Pituitary Gland [ Adenoma TGLS = 5-8 ]	Pars Distalis	Adenoma	
* Stomach, Forestomach [ Hyperplasia TGLS = 7-14A ] [ Inflammation TGLS = 7-14A ]	Epithelium	Hyperplasia Inflammation	Marked Chronic Active, Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 237

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 597

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913257

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 238

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hemorrhage	Mild
[ Hemorrhage TGLS = 2-8 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 1-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 239

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone	Femur	Hyperostosis	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney	Pelvis	Mineralization	Minimal
		Mineralization	Minimal
	Transit Epithe	Papilloma	
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Thymus		Ectopic Parathyroid Gland	Mild
	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[ Hyperplasia TGLS = 3-7A ]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 239

**TRT#:** 2

**DOSE:** 0 PPM

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:** 735

**HISTO:** MA913259

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 240

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Infiltration Cellular	Lymphocyte, Minimal
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic Active, Minimal
[ Cyst TGLS = 1-10 ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary	Bilateral	Cyst	Marked
[ Cyst TGLS = 2-7A ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 1-10 ]			
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]		Clear Cell Focus	
[ Clear Cell Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
[ Fibroadenoma TGLS = 2-10A ]		Fibroadenoma	
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Stom Gland			
Note: TGL 5-NCL			
* Uterus		Hydrometra	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Cyst	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 3-6A ]			
[ Mixed Cell Focus TGLS = 3-6A ]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Olfactory Epi	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[ Cyst TGLS = 2-8 ]			
[ Hyperplasia TGLS = 2-8 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 609

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: TGL 6-NCL			
[ Mixed Cell Focus TGLS = 4-6A,6A.1 ]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10A ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 3-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 244

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                    |                |                    |                        |
|------------------------------------|----------------|--------------------|------------------------|
| * Heart                            |                | Cardiomyopathy     | Minimal                |
| * Kidney                           |                | Mineralization     | Minimal                |
|                                    |                | Nephropathy        | Moderate               |
| * Liver                            |                | Eosinophilic Focus |                        |
|                                    |                | Inflammation       | Granulomatous, Minimal |
| [ Eosinophilic Focus TGLS = 3-6A ] |                |                    |                        |
| * Mammary Gland                    |                | Carcinoma          |                        |
|                                    |                | Dilatation         | Mild                   |
|                                    |                | Hyperplasia        | Moderate               |
| [ Carcinoma TGLS = 1-10A ]         |                |                    |                        |
| * Nose                             | Respirat Epith | Degeneration       | Hyaline, Minimal       |
| * Pituitary Gland                  | Pars Distalis  | Adenoma            |                        |
| [ Adenoma TGLS = 2-8 ]             |                |                    |                        |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 245

TRT#: 2

SEX: Female

DAY ON TEST: 653

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver			
Note: TGL 8-NCL			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
[ Dilatation TGLS = 2-10 ]			
[ Fibroadenoma TGLS = 3-10A; 4-10B; 5-10C ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
		Ulcer	Marked
[ Ulcer TGLS = 7-14A ]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6A ]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
[ Hyperplasia TGLS = 1-10A ]			
[ Inflammation TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 629

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Rectum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Pancreas	* Pituitary Gland		

OBSERVATIONS

* Adrenal Medulla [ Pheochromocytoma Complex TGLS = 2-8A ]		Pheochromocytoma Complex	
* Bone	Femur	Hyperostosis	Mild
* Heart		Cardiomyopathy	Minimal
* Liver [ Basophilic Focus TGLS = 5-6A ]		Basophilic Focus	
* Lung Note: TGL 3-NCL		Inflammation	Chronic Active, Minimal
* Mammary Gland [ Fibroadenoma TGLS = 1-10A ]		Pheochromocytoma Complex	Metastatic (Adrenal Medulla)
* Pituitary Gland Note: TGL 4-NCL		Dilatation	Mild
* Spleen		Fibroadenoma	
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Complex

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 248

TRT#: 2

SEX: Female

DAY ON TEST: 727

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Bone	Femur	Callus	Mild
[ Callus TGLS = 5-11 ]			
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
Note: TGL 3-NCL			
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 1-10A ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
Perph Nerve			
Note: SCIATIC NERVE IS NORMAL.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tissue NOS	Abdominal	Sarcoma	
[ Sarcoma TGLS = 2-15 ]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Tissue NOS Abdominal Sarcoma

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 635

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Hyperostosis	Marked
* Heart	Atrium	Thrombosis	Marked
	[ Thrombosis TGLS = 9-13 ]		
* Kidney	Renal Tubule	Mineralization	Minimal
		Pigmentation	Mild
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-6 ]		
* Lung	Mediastinal	Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	[ Hemorrhage TGLS = 7-3A,3A.1 ]	Hyperplasia	Histiocytic, Mild
	[ Hyperplasia TGLS = 5-9 ]		
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 2-15 ]		
* Pituitary Gland	Pars Distalis	Cyst	Marked
	[ Cyst TGLS = 8-8 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-3 ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 249

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 635

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913269

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Stomach, Glandular

[ Necrosis TGLS = 10-14,14A ]

Necrosis

Mild

\* Thymus

Atrophy

Mild

\* Uterus

Hydrometra

Mild

Polyp Stromal

[ Polyp Stromal TGLS = 3-7A ]

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 250

TRT#: 2

SEX: Female

DAY ON TEST: 519

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Moderate
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-8 ]			
* Adrenal Medulla		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[ Hemorrhage TGLS = 8-1,1A; 9-1A ]			
* Kidney		Infarct	Minimal
		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
		Necrosis	Moderate
	Artery	Thrombosis	Marked
[ Leukemia Mononuclear TGLS = 5-6 ]			
[ Necrosis TGLS = 6-6A ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3 ]			
* Mammary Gland		Dilatation	Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7A ]			
Perph Nerve			
Note: SCIATIC NERVE IS NORMAL.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 250

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 519  
**HISTO:** MA913270

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

Spinal Cord  
\* Spleen

Hemorrhage  
Leukemia Mononuclear

Moderate

[ Leukemia Mononuclear TGLS = 2,3-3 ]

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Spleen Leukemia Mononuclear

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Bilateral	Carcinoma	
[ Carcinoma TGLS = 1-10A ]			
* Heart	Artery	Cardiomyopathy	Minimal
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
Note: TGL 2-NCL			
[ Basophilic Focus TGLS = 3-6A ]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPAHE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 252

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 698

HISTO: MA913272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

\* Adrenal Cortex  
\* Clitoral Gland  
\* Salivary Glands  
\* Urinary Bladder

\* Blood Vessel  
\* Esophagus  
\* Skin

\* Bone  
\* Ovary  
\* Thyroid Gland

\* Brain  
\* Parathyroid Gland  
\* Trachea

AUTO PRECLUDES DIAG.

\* Bone Marrow  
\* Intestine Small, Duodenum  
\* Kidney

\* Intestine Large, Cecum  
\* Intestine Small, Ileum  
\* Pancreas

\* Intestine Large, Colon  
\* Intestine Small, Jejunum

\* Intestine Large, Rectum  
\* Islets, Pancreatic

OBSERVATIONS

\* Adrenal Medulla  
\* Heart

Atrium

Leukemia Mononuclear  
Cardiomyopathy  
Thrombosis

Minimal  
Mild

[ Thrombosis TGLS = 9-13 ]

\* Liver

Centrilobular

Leukemia Mononuclear  
Necrosis

Moderate

[ Necrosis TGLS = 7-6 ]

\* Lung

Pancreatic  
Renal

Leukemia Mononuclear  
Leukemia Mononuclear  
Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 4-15 ]

[ Leukemia Mononuclear TGLS = 6-9A ]

\* Lymph Node, Mandibular

[ Leukemia Mononuclear TGLS = 1-9 ]

Leukemia Mononuclear

\* Lymph Node, Mesenteric

[ Leukemia Mononuclear TGLS = 3-8A ]

Leukemia Mononuclear

\* Mammary Gland

Hyperplasia

Marked

\* Nose

Olfactory Epi

Degeneration

Hyaline, Minimal

\* Pituitary Gland

Leukemia Mononuclear

\* Spleen

Fibrosis

Moderate

\* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 698

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913272

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hyperplasia TGLS = 10-14A ]

\* Stomach, Glandular

Necrosis

Moderate

[ Necrosis TGLS = 10-14,14A ]

\* Thymus

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 8-3A ]

\* Uterus

Fibrosis

Mild

[ Fibrosis TGLS = 2-7A ]

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pituitary Gland Leukemia Mononuclear;Thymus Leukemia Mononuclear;Uterus Leukemia Mononuclear

Animal Note: THORACIC CAVITY 1-2CC CLEAR FLUID, TGL 5-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 541

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	[ Nephropathy TGLS = 5-4 ]		
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Mild
	[ Fibroadenoma TGLS = 1-10A; 2-10B ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8A ]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: ADRENAL GLANDS: SUBGROSS AND MICROSCOPIC APPEARANCE ARE WITHIN NORMAL LIMITS. TGL 3-NCL

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Angiectasis TGLS = 5-6 ]			
[ Basophilic Focus TGLS = 3-6B; 4-6C,6C.1 ]			
[ Hepatodiaphragmatic Nodule TGLS = 2-6A ]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
[ Infiltration Cellular TGLS = 8-2A ]			
Lymph Node	Renal	Hemorrhage	Mild
[ Hemorrhage TGLS = 6-15 ]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[ Cyst TGLS = 7-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 256

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 722

HISTO: MA913276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	Mild
	[ Thrombosis TGLS = 10-13 ]		
* Kidney		Nephropathy	Minimal
* Liver		Deformity	
	[ Deformity TGLS = 6-6A ]	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6,6A ]		
* Lung		Leukemia Mononuclear	
	Note: AGONAL OR IATROGENIC HEMORRHAGE PRESENT. TGL 8-NCL; TGL 9-NCL		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Fibrosis	Moderate
	[ Fibrosis TGLS = 3-3A ]	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-3,3A ]		
* Stomach, Glandular		Necrosis	Moderate
	[ Necrosis TGLS = 4-14,14A ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 256

**TRT#:** 2  
**DOSE:** 0 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 722  
**HISTO:** MA913276

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Thymus	Atrophy	Moderate
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PRIMARY CAUSE OF DEATH	- UNCERTAIN				
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow	Leukemia Mononuclear;Liver	Leukemia Mononuclear;Lung	Leukemia Mononuclear;Spleen	Leukemia Mononuclear

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Animal Note: THORACIC CAVITY YELLOW FLUID, TGL 7-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2

DOSE: 0 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 659

HISTO: MA913277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                            |                           |                             |                          |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Blood Vessel             | * Clitoral Gland          | * Esophagus                 | * Intestine Large, Cecum |
| * Intestine Large, Colon   | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic      | * Mammary Gland             | * Nose                   |
| * Pancreas                 | * Parathyroid Gland       | * Salivary Glands           | * Skin                   |
| * Trachea                  | * Urinary Bladder         | * Uterus                    |                          |

OBSERVATIONS

- |   |             |                         |                          |
|---|-------------|-------------------------|--------------------------|
| * Adrenal Cortex                        |             | Leukemia Mononuclear    |                          |
| * Adrenal Medulla                       |             | Leukemia Mononuclear    |                          |
|   |             | Pheochromocytoma Benign |                          |
| * Bone                                  |             | Hyperostosis            | Mild                     |
| * Bone Marrow                           |             | Inflammation            | Chronic Active, Mild     |
| * Brain                                 |             | Hemorrhage              | Mild                     |
| [ Hemorrhage TGLS = 15-1 ]              |             |                         |                          |
| * Heart                                 |             | Inflammation            | Chronic Active, Moderate |
| * Kidney                                |             | Inflammation            | Chronic Active, Mild     |
| * Liver                                 |             | Hemorrhage              | Moderate                 |
|   |             | Leukemia Mononuclear    |                          |
| [ Hemorrhage TGLS = 11-6A ]             |             |                         |                          |
| [ Leukemia Mononuclear TGLS = 10-6,6A ] |             |                         |                          |
| * Lung                                  |             | Leukemia Mononuclear    |                          |
| Lymph Node                              | Iliac       | Hemorrhage              | Marked                   |
|   | Mediastinal | Hemorrhage              | Marked                   |
|   | Pancreatic  | Hemorrhage              | Marked                   |
|   | Renal       | Hemorrhage              | Marked                   |
|   | Iliac       | Leukemia Mononuclear    |                          |
|   | Mediastinal | Leukemia Mononuclear    |                          |
|   | Pancreatic  | Leukemia Mononuclear    |                          |
|   | Renal       | Leukemia Mononuclear    |                          |
| [ Hemorrhage TGLS = 12-19 ]             |             |                         |                          |
| [ Hemorrhage TGLS = 13-20 ]             |             |                         |                          |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913277

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hemorrhage TGLS = 7-17 ]			
[ Hemorrhage TGLS = 8-18 ]			
[ Leukemia Mononuclear TGLS = 8-18 ]			
[ Leukemia Mononuclear TGLS = 12-19 ]			
[ Leukemia Mononuclear TGLS = 13-20 ]			
[ Leukemia Mononuclear TGLS = 7-17 ]			
* Lymph Node, Mandibular		Hemorrhage Leukemia Mononuclear	Moderate
[ Hemorrhage TGLS = 1-9 ]			
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Hemorrhage Leukemia Mononuclear	Marked
[ Hemorrhage TGLS = 4-8A ]			
[ Leukemia Mononuclear TGLS = 4-8A ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-15; 5-16 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Angiectasis Leukemia Mononuclear	Marked
[ Angiectasis TGLS = 14-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3 ]			
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Inflammation Necrosis	Chronic Active, Mild Mild
[ Necrosis TGLS = 16-14A ]			
* Thymus		Atrophy	Moderate
* Thyroid Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 257

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 659

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913277

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Node Mediastinal	Leukemia Mononuclear;Lymph Node	Pancreatic	Leukemia Mononuclear;Lymph Node	Iliac	Leukemia Mononuclear;Lymph
Node;Mandibular	Leukemia Mononuclear;Lymph Node;Mesenteric		Leukemia Mononuclear;Spleen		Leukemia Mononuclear

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Animal Note: ABDOMINAL CAVITY 3ML CLEAR FLUID, TGL 9-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland [ Cyst TGLS = 4-10.1,10 ]		Cyst	Mild
* Kidney		Mineralization	Minimal
* Liver [ Deformity TGLS = 3-6A ]		Basophilic Focus Deformity	
* Mammary Gland [ Fibroadenoma TGLS = 2-10A,10B ]		Dilatation Fibroadenoma Hyperplasia	Minimal Multiple Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin [ Sarcoma TGLS = 1-15 ]	Subcut Tiss	Sarcoma	
* Spleen		Leukemia Mononuclear	
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                             |                          |                          |                           |
|-----------------------------|--------------------------|--------------------------|---------------------------|
| * Blood Vessel              | * Bone                   | * Brain                  | * Clitoral Gland          |
| * Esophagus                 | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Islets, Pancreatic     | * Nose                   | * Ovary                   |
| * Pancreas                  | * Parathyroid Gland      | * Salivary Glands        | * Stomach, Forestomach    |
| * Thymus                    | * Thyroid Gland          | * Trachea                | * Urinary Bladder         |

AUTO PRECLUDES DIAG.

- |                          |                            |
|--------------------------|----------------------------|
| * Intestine Small, Ileum | * Intestine Small, Jejunum |
|--------------------------|----------------------------|

OBSERVATIONS

- |  |             |                            |         |
|--|-------------|----------------------------|---------|
| * Adrenal Cortex   |             | Carcinoma                  |         |
| * Adrenal Medulla  |             | Pheochromocytoma Malignant |         |
| [ Pheochromocytoma Malignant TGLS = 16-8 ]                           |             |                            |         |
| * Bone Marrow  |             | Leukemia Mononuclear       |         |
| * Heart  |             | Cardiomyopathy             | Minimal |
| * Int Lg Colon   |             |                            |         |
| Note: COLON WITHIN NORMAL LIMITS BUT MODERATELY AUTOLYTIC. TGL 7-NCL |             |                            |         |
| * Kidney   |             | Mineralization             | Minimal |
| * Liver  |             | Leukemia Mononuclear       |         |
| [ Leukemia Mononuclear TGLS = 12-6 ]                                 |             |                            |         |
| * Lung   |             | Leukemia Mononuclear       |         |
| Lymph Node   | Mediastinal | Leukemia Mononuclear       |         |
|  | Pancreatic  | Leukemia Mononuclear       |         |
|  |             | Leukemia Mononuclear       |         |
| Note: TGL 4 INVOLVES AXILLARY LN, HOWEVER TERM IS NOT AVAILABLE.     |             |                            |         |
| [ Leukemia Mononuclear TGLS = 11-9 ]                                 |             |                            |         |
| [ Leukemia Mononuclear TGLS = 4-18 ]                                 |             |                            |         |
| [ Leukemia Mononuclear TGLS = 13-15 ]                                |             |                            |         |
| * Lymph Node, Mandibular   |             | Leukemia Mononuclear       |         |
| [ Leukemia Mononuclear TGLS = 15-9 ]                                 |             |                            |         |
| * Lymph Node, Mesenteric   |             | Leukemia Mononuclear       |         |
| [ Leukemia Mononuclear TGLS = 8-8 ]                                  |             |                            |         |

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 701

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913279

ORGAN AND ACCOUNTABLE SITE STATUS

\* Mammary Gland

Dilatation  
Fibroadenoma  
Hyperplasia

Marked  
Multiple  
Moderate

[ Dilatation TGLS = 2-10B ]  
[ Fibroadenoma TGLS = 1-10A; 3-10D ]  
[ Hyperplasia TGLS = 3-10C ]

Mesentery

Fat

Necrosis

Marked

[ Necrosis TGLS = 5-16; 10-17 ]

\* Pituitary Gland

Pars Distalis  
Pars Distalis

Cyst  
Hyperplasia

Moderate  
Moderate

[ Cyst TGLS = 14-8 ]  
[ Hyperplasia TGLS = 14-8 ]

\* Skin

Subcut Tiss

Leukemia Mononuclear  
Leukemia Mononuclear

\* Spleen

[ Leukemia Mononuclear TGLS = 9-3 ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 17-14 ]

\* Uterus

Polyp Stromal

[ Polyp Stromal TGLS = 6-7 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia  
Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Leukemia Mononuclear;Lymph Node;Mandibular Leukemia  
Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

\* Clitoral Gland

AUTO PRECLUDES DIAG.

\* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Necrosis	Mild
[ Necrosis TGLS = 4-6 ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[ Hematopoietic Cell Proliferation TGLS = 6-3 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 7-14A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 260

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 719

**DOSE:** 0 PPM

**DISP:** Natural Death

**HISTO:** MA913280

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thymus

Atrophy

Moderate

\* Uterus

Polyp Stromal

[ Polyp Stromal TGLS = 3-7A ]

---

**PRIMARY CAUSE OF DEATH**

- Mammary Gland Fibroadenoma

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 641

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
-----------------------------	--------------------------	----------------------------

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 3-6A ]			
[ Eosinophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 262

TRT#: 2

SEX: Female

DAY ON TEST: 734

DOSE: 0 PPM

DISP: Terminal Sacrifice

HISTO: MA913282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |   |                |                      |                  |
|---|----------------|----------------------|------------------|
| * Adrenal Cortex  |                | Angiectasis          | Minimal          |
| * Kidney  |                | Mineralization       | Minimal          |
|   |                | Nephropathy          | Minimal          |
| * Liver   |                | Basophilic Focus     |                  |
|   |                | Clear Cell Focus     |                  |
|   |                | Eosinophilic Focus   |                  |
| Note: RANDOM CONGESTED FOCI, NOT A TRUE LESION. TGL 2-NCL |                |                      |                  |
| * Mammary Gland   |                | Dilatation           | Mild             |
| * Nose  | Respirat Epith | Degeneration         | Hyaline, Minimal |
|   | Respirat Epith | Hyperplasia          | Minimal          |
| * Pancreas  | Acinus         | Atrophy              | Moderate         |
| * Pituitary Gland   | Pars Distalis  | Adenoma              |                  |
| [ Adenoma TGLS = 1-8 ]                                    |                |                      |                  |
| * Spleen  |                | Leukemia Mononuclear |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

**ANIMAL ID:** 263

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 0 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913283

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Congestion	Moderate
Tongue		Squamous Cell Papilloma	

[ Squamous Cell Papilloma TGLS = 1-15 ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 646

DOSE: 0 PPM

DISP: Moribund Sacrifice

HISTO: MA913284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

MISSING

\* Thymus

OBSERVATIONS

* Adrenal Cortex	Hemorrhage	Marked
	Vacuolization Cytoplasmic	Marked
[ Hemorrhage TGLS = 14-8 ]		
[ Vacuolization Cytoplasmic TGLS = 14-8 ]		
* Adrenal Medulla	Hyperplasia	Moderate
* Kidney	Nephropathy	Marked
[ Nephropathy TGLS = 15-4 ]		
* Liver	Basophilic Focus	
	Necrosis	Mild
[ Basophilic Focus TGLS = 17-6,6A ]		
[ Necrosis TGLS = 17-6A ]		
* Lung	Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 11-2 ]		
* Lymph Node, Mandibular	Hemorrhage	Mild
	Pigmentation	Mild
[ Hemorrhage TGLS = 2-9 ]		
[ Pigmentation TGLS = 2-9 ]		
* Lymph Node, Mesenteric	Atrophy	Moderate
	Hemorrhage	Mild
* Mammary Gland	Dilatation	Marked

Note: TGL 3 IS IN MAMMARY RATHER THAN CLITORAL GLAND.

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

**ANIMAL ID:** 264

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 646

**DOSE:** 0 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913284

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Dilatation TGLS = 3-10; 4-16; 5-15; 6-17; 7-18; 8-19; 9-20 ]

Mesentery Fat Necrosis Mild

[ Necrosis TGLS = 13-21 ]

\* Pituitary Gland Pars Distalis Adenoma

[ Adenoma TGLS = 16-8 ]

\* Skin

Note: TGL 10-NST

\* Spleen Hematopoietic Cell Proliferation Mild

\* Stom Forestom

Note: NO LESION IN FORESTOMACH, MUCOSA IS RUGOSE BECAUSE OF CONTRACTED STATE.

\* Stomach, Glandular Necrosis Mild

[ Necrosis TGLS = 18-14,14A ]

\* Thyroid Gland C Cell Hyperplasia Minimal

\* Uterus Polyp Stromal

Note: MASS IS IN UTERUS RATHER THAN OVARY.

[ Polyp Stromal TGLS = 12-7 ]

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 265

TRT#: 2

SEX: Female

DAY ON TEST: 582

DOSE: 0 PPM

DISP: Natural Death

HISTO: MA913285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6,6A; 4-6A ]			
* Lung		Leukemia Mononuclear	
* Lym Node Mesen			
Note: THE MESENTERIC NODE IS NOT ENLARGED, NO CORRELATION FOR DARK APPEARANCE. TGL 1-NCL			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 5-3A ]			
[ Pigmentation TGLS = 5-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 6-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 266

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

\* Nose

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 6-1A ]			
* Kidney		Mineralization	Minimal
* Liver		Congestion	Moderate
		Deformity	
		Mixed Cell Focus	
Note: NODULE NOT APPARENT BUT ENTIRE LOBE CONGESTED. TGL 3-NCL			
[ Deformity TGLS = 7-6A ]			
[ Mixed Cell Focus TGLS = 8-6 ]			
* Lung		Congestion	Marked
[ Congestion TGLS = 4-2,3 ]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 267

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6 ]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Dilatation	Marked
		Hyperplasia	Mild
[ Dilatation TGLS = 1-10 ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Leukemia Mononuclear	
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Inflammation	Chronic Active, Marked
[ Inflammation TGLS = 2-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 268

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Heart		Cardiomyopathy Leukemia Mononuclear	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5,7-6 ]			
* Lung		Note: FOCAL CONGESTION ACCOUNTS FOR GROSS LESION, NOT AN ANTE MORTEM LESION. TGL 6-NCL	
Lymph Node	Iliac	Amyloid Deposition	Moderate
[ Amyloid Deposition TGLS = 4-15 ]			
* Lymph Node, Mandibular		Amyloid Deposition	Marked
* Mammary Gland		Dilatation	Marked
[ Dilatation TGLS = 3-10C ]			
* Skin		Exudate Inflammation	Minimal Chronic Active, Minimal
	Subcut Tiss	Leukemia Mononuclear	
[ Exudate TGLS = 9-10B ]			
[ Inflammation TGLS = 1-10A; 2-10B ]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-14 ]			
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 268

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 712

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913388

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Heart Leukemia Mononuclear;Liver Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia  
Mononuclear;Stomach;Forestomach Leukemia Mononuclear;Stomach;Glandular Leukemia Mononuclear

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 699

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                          |                           |                             |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Blood Vessel           | * Bone                   | * Brain                   | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Islets, Pancreatic     | * Ovary                  | * Pancreas                | * Parathyroid Gland         |
| * Salivary Glands        | * Skin                   | * Stomach, Glandular      | * Thyroid Gland             |
| * Trachea                | * Urinary Bladder        | * Uterus                  |                             |

AUTO PRECLUDES DIAG.

- |                          |                            |          |
|--------------------------|----------------------------|----------|
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
|--------------------------|----------------------------|----------|

OBSERVATIONS

- |                                      |               |                      |         |
|--------------------------------------|---------------|----------------------|---------|
| * Adrenal Cortex                     |               | Leukemia Mononuclear |         |
| * Adrenal Medulla                    |               | Leukemia Mononuclear |         |
| * Bone Marrow                        |               | Leukemia Mononuclear |         |
| * Clitoral Gland                     |               | Cyst                 | Mild    |
| * Heart                              |               | Cardiomyopathy       | Minimal |
| * Liver                              |               | Leukemia Mononuclear |         |
| [ Leukemia Mononuclear TGLS = 10-6 ] |               |                      |         |
| * Lung                               |               | Leukemia Mononuclear |         |
| Lymph Node                           | Deep Cervical | Leukemia Mononuclear |         |
|                                      | Iliac         | Leukemia Mononuclear |         |
|                                      | Mediastinal   | Leukemia Mononuclear |         |
|                                      | Pancreatic    | Leukemia Mononuclear |         |
|                                      | Renal         | Leukemia Mononuclear |         |
|                                      |               | Leukemia Mononuclear |         |

Note: TGL 5 INVOLVES AXILLARY LN, HOWEVER, TERM NOT AVAILABLE.

[ Leukemia Mononuclear TGLS = 12-3 ]

[ Leukemia Mononuclear TGLS = 5-15 ]

[ Leukemia Mononuclear TGLS = 6-9 ]

[ Leukemia Mononuclear TGLS = 13-18 ]

[ Leukemia Mononuclear TGLS = 11-17 ]

[ Leukemia Mononuclear TGLS = 9-16 ]

- |                          |  |                      |
|--------------------------|--|----------------------|
| * Lymph Node, Mandibular |  | Leukemia Mononuclear |
|--------------------------|--|----------------------|

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 269

TRT#: 4

SEX: Female

DAY ON TEST: 699

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913389

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 2-9A ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8A ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 3-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 14-8 ]			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[ Fibrosis TGLS = 8-3 ]			
[ Leukemia Mononuclear TGLS = 7-3,3A ]			
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 15-14 ]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear; Adrenal Medulla Leukemia Mononuclear; Bone Marrow Leukemia Mononuclear; Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Lymph Node Mediastinal Leukemia Mononuclear; Lymph Node Leukemia Mononuclear; Lymph Node Iliac Leukemia Mononuclear; Lymph Node Renal Leukemia Mononuclear; Lymph Node Deep Cervical Leukemia Mononuclear; Lymph Node Pancreatic Leukemia Mononuclear; Lymph Node; Mandibular Leukemia Mononuclear; Lymph Node; Mesenteric Leukemia Mononuclear; Spleen Leukemia Mononuclear; Thymus Leukemia Mononuclear

Animal Note: CARCASS YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 2-6A ]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Mild
[ Dilatation TGLS = 1-10A ]			
[ Fibroadenoma TGLS = 1-10B ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 676

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
* Liver		Congestion	Moderate
		Necrosis	Mild
		Vacuolization Cytoplasmic	Mild
[ Congestion TGLS = 3-6A ]			
[ Necrosis TGLS = 2-6 ]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Moderate
[ Dilatation TGLS = 1-10A ]			
[ Hyperplasia TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 5-14A ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913392

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
[ Basophilic Focus TGLS = 1-6A ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 682

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6 ]			
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Spleen		Pigmentation	Mild
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
[ Cyst TGLS = 2,3-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-2,3 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3A ]			
[ Leukemia Mononuclear TGLS = 6-9A ]			
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Marked
Mesentery		Leukemia Mononuclear	
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 8-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Thymus		Atrophy	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 274

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913394

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Mild

\* Uterus

Polyp Stromal

[ Polyp Stromal TGLS = 10-7 ]

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**PRIMARY CAUSE OF DEATH**

-

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Animal Note: CARCASS YELLOW, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [ Carcinoma TGLS = 2-10B ]	Bilateral	Carcinoma	
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Lymphocyte, Mild
		Mixed Cell Focus	
		[ Basophilic Focus TGLS = 4-6B ]	
		[ Clear Cell Focus TGLS = 4-6B ]	
		[ Hepatodiaphragmatic Nodule TGLS = 3-6A ]	
		[ Mixed Cell Focus TGLS = 4-6B ]	
* Mammary Gland [ Fibroadenoma TGLS = 1-10A ]		Dilatation	Minimal
		Fibroadenoma	
		Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland [ Cyst TGLS = 5-8 ]	Pars Distalis	Cyst	Moderate
* Thyroid Gland	C Cell	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 275

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913395

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 276

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Kidney		Mineralization	Minimal
* Liver	Kupffer Cell	Pigmentation	Mild
Note: FOCI NOT SEEN IN 5 SECTIONS ON SLIDE 6A, TGL 6-NCL			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
Oral Mucosa		Squamous Cell Carcinoma	
[ Squamous Cell Carcinoma TGLS = 3-15 ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 4-14, 14A ]			
* Thymus		Atrophy	Mild
Tongue		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
[ Squamous Cell Carcinoma TGLS = 5-16 ]			

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[ Pheochromocytoma Malignant TGLS = 2-8A ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 1-6A ]			
[ Clear Cell Focus TGLS = 1-6A ]			
* Mammary Gland		Hyperplasia	Minimal
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Angiectasis	Marked
[ Angiectasis TGLS = 3-2 ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 4-8B ]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 278

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
[ Angiectasis TGLS = 4-6B ]			
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8A ]			
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6,6A ]			
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8A ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- |                          |                          |                           |                             |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Blood Vessel           | * Brain                  | * Clitoral Gland          | * Esophagus                 |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic     | * Kidney                  | * Nose                      |
| * Ovary                  | * Pancreas               | * Thyroid Gland           | * Trachea                   |

AUTO PRECLUDES DIAG.

- \* Intestine Small, Jejunum

OBSERVATIONS

- |                   |                                      |                         |          |
|-------------------|--------------------------------------|-------------------------|----------|
| * Adrenal Cortex  |                                      | Leukemia Mononuclear    |          |
| * Adrenal Medulla |                                      | Leukemia Mononuclear    |          |
|                   |                                      | Pheochromocytoma Benign |          |
| * Bone            |                                      | Hyperostosis            | Moderate |
| * Bone Marrow     |                                      | Leukemia Mononuclear    |          |
| * Heart           |                                      | Cardiomyopathy          | Minimal  |
|                   | Atrium                               | Thrombosis              | Mild     |
| * Liver           |                                      | Leukemia Mononuclear    |          |
|                   | [ Leukemia Mononuclear TGLS = 10-6 ] |                         |          |
| * Lung            |                                      | Leukemia Mononuclear    |          |
| Lymph Node        | Iliac                                | Hemorrhage              | Moderate |
|                   | Renal                                | Hemorrhage              | Moderate |
|                   |                                      | Hemorrhage              | Marked   |
|                   | Iliac                                | Leukemia Mononuclear    |          |
|                   | Mediastinal                          | Leukemia Mononuclear    |          |
|                   | Pancreatic                           | Leukemia Mononuclear    |          |
|                   | Renal                                | Leukemia Mononuclear    |          |
|                   |                                      | Leukemia Mononuclear    |          |

Note: TGL 15 INVOLVES AXILLARY LN, HOWEVER, TERM NOT AVAILABLE.

[ Hemorrhage TGLS = 15-18 ]

[ Hemorrhage TGLS = 9-16 ]

[ Hemorrhage TGLS = 12-17 ]

[ Leukemia Mononuclear TGLS = 13-3A ]

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

**ANIMAL ID:** 280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 627

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913400

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 15-18 ]			
[ Leukemia Mononuclear TGLS = 12-17 ]			
[ Leukemia Mononuclear TGLS = 9-16 ]			
[ Leukemia Mononuclear TGLS = 8-9 ]			
* Lymph Node, Mandibular		Hemorrhage Leukemia Mononuclear	Marked
[ Hemorrhage TGLS = 3-9A; 16-19 ]			
[ Leukemia Mononuclear TGLS = 3-9A; 16-19 ]			
* Lymph Node, Mesenteric		Hemorrhage Leukemia Mononuclear	Moderate
[ Hemorrhage TGLS = 6-8 ]			
[ Leukemia Mononuclear TGLS = 6-8 ]			
* Mammary Gland		Carcinoma Fibroadenoma	
[ Carcinoma TGLS = 2-10B ]			
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-15 ]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Edema	Moderate
[ Edema TGLS = 4-9A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3 ]			
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 17-14 ]			
* Thymus		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 14-3A ]			
* Urinary Bladder		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 627

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913400

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Uterus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Iliac Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Salivary Glands Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear;Urinary Bladder Leukemia Mononuclear;Uterus Leukemia Mononuclear

Animal Note: THORACIC CAVITY 4ML CLEAR FLUID, TGL 11-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 281

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

\* Thymus

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 2-10A ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Deformity TGLS = 4-6 ]		Deformity	
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8; 6-1 ]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Ulcer	Mild
[ Ulcer TGLS = 7-14 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 282

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Mixed Cell Focus	
Note: TGL 5-NCL			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 2-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-15 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 6-8 ]			
* Skin			
Note: OUTPOUCHING OF NORMAL SKIN ELEMENTS. TGL 1-NCL			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 283

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
Note: TGL 5 - LIVER IN SLIDES 6 AND 6A HAVE AREAS WITH LESS BLOOD IN SENUSOIDS. TGL 5-NCL [ Basophilic Focus TGLS = 4-6 ]			
* Lymph Node, Mesenteric		Pigmentation	Minimal
Note: SIZE OF NODE WITHIN NORMAL LIMITS. [ Pigmentation TGLS = 3-8 ]			
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7A ]			
* Pancreas	Acinus	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 728

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913403

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: ABDOMINAL CAVITIES 03CC CLEAR FLUID, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 284

TRT#: 4

SEX: Female

DAY ON TEST: 712

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
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OBSERVATIONS

* Adrenal Cortex	Leukemia Mononuclear	
* Adrenal Medulla	Leukemia Mononuclear	
	Necrosis	Marked
* Bone	Hyperostosis	Moderate
* Clitoral Gland	Carcinoma	
[ Carcinoma TGLS = 2-10B ]		
* Heart	Cardiomyopathy	Minimal
* Kidney		
Note: SLIGHT POST MORTEM CONGESTION MAY ACCOUNT FOR GROSS FOCUS. TGL 4-NCL		
* Liver	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6A ]		
* Lung	Leukemia Mononuclear	
* Lym Node Mand		
Note: POST MORTEM CONGESTION SEEN. TGL 3-NCL		
Lymph Node	Mediastinal	Inflammation
[ Inflammation TGLS = 6-3A ]		Acute, Moderate
* Mammary Gland	Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]		
* Pancreas	Inflammation	Acute, Mild
* Spleen	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Adrenal Medulla Necrosis

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 712

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913404

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: THORACIC CAVITY 3ML CLEAR FLUID, TGL 5-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 285

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [ Cyst TGLS = 1-10 ]		Cyst	Mild
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Mineralization	Minimal
* Liver Note: LIVER NODULE COMPOSED OF NORMAL TISSUE. TGL 5-NCL		Basophilic Focus	
* Lymph Node, Mesenteric [ Hyperplasia TGLS = 3-8 ]		Hyperplasia	Histiocytic, Mild
* Mammary Gland [ Fibroadenoma TGLS = 2-10A ]		Fibroadenoma	Multiple
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 4-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 286

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 3-6A ]			
[ Eosinophilic Focus TGLS = 3-6A ]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8A ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 287

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 1-6A ]			
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Nervosa	Cyst	Mild
* Uterus			

Note: ONE HORN IS MODERATELY DILATED, HOWEVER, TERM NOT AVAILABLE.

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 288

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 2-10 ]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
[ Carcinoma TGLS = 5-9A ]			
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
[ Fibroadenoma TGLS = 3-10A; 4-10B ]		Fibroadenoma	Multiple
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 289

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[ Hyperplasia TGLS = 4-14A ]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 290

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Deformity	
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Mild
[ Basophilic Focus TGLS = 4-6B ]			
[ Deformity TGLS = 4-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 291

TRT#: 4

SEX: Female

DAY ON TEST: 691

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Necrosis	Mild
Note: TGL 2-NCL			
[ Basophilic Focus TGLS = 3-6A ]			
[ Necrosis TGLS = 3-6A ]			
Lymph Node	Iliac	Pigmentation	Moderate
	Renal	Pigmentation	Mild
[ Pigmentation TGLS = 4-16 ]			
[ Pigmentation TGLS = 5-17 ]			
* Mammary Gland		Dilatation	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[ Adenoma TGLS = 6-8 ]			
[ Cyst TGLS = 6-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Necrosis	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 291

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 691

**DOSE:** 150 PPM

**DISP:** Natural Death

**HISTO:** MA913411

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

[ Necrosis TGLS = 7-14A ]

\* Thymus

Vagina

Atrophy

Hemorrhage

Inflammation

Pigmentation

Mild

Marked

Chronic Active, Mild

Moderate

---

[ Hemorrhage TGLS = 1-15 ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 292

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart	Atrium	Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Mammary Gland		Adenoma	
		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-15 ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Hyperplasia	Histiocytic, Marked
[ Hyperplasia TGLS = 2-3,3A ]			
* Uterus	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 293

TRT#: 4

SEX: Female

DAY ON TEST: 217

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Intestine Large, Cecum [ Dilatation TGLS = 2-5, 3-5 ]		Dilatation	Moderate
* Intestine Large, Colon [ Dilatation TGLS = 2-5 ]		Dilatation	Moderate
* Kidney [ Hydronephrosis TGLS = 5-4 ]		Hydronephrosis Mineralization	Mild Minimal
Perph Nerve Note: SCIATIC NERVE IS NORMAL.			
* Skin [ Schwannoma Malignant TGLS = 4-18+18A+19 ]	Subcut Tiss	Schwannoma Malignant	
* Urinary Bladder [ Dilatation TGLS = 1-9 ]		Dilatation	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 294

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[ Angiectasis TGLS = 4-6B ]			
[ Hepatodiaphragmatic Nodule TGLS = 3-6A ]			
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 1-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[ Adenoma TGLS = 5-8 ]			
[ Cyst TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 295

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Deformity	
[ Basophilic Focus TGLS = 6-6C ]			
[ Clear Cell Focus TGLS = 6-6C ]			
[ Deformity TGLS = 4-6C, 5-6C ]			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7,8-8 ]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 296

TRT#: 4

SEX: Female

DAY ON TEST: 716

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
[ Pigmentation TGLS = 1-3 ]			
* Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 297

TRT#: 4

SEX: Female

DAY ON TEST: 678

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hemorrhage	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 8,9-6 ]		
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild
	[ Hemorrhage TGLS = 13-3A ]		
	[ Hemorrhage TGLS = 7-15 ]		
	[ Leukemia Mononuclear TGLS = 5-9 ]		
	[ Leukemia Mononuclear TGLS = 7-15 ]		
	[ Pigmentation TGLS = 7-15 ]		
* Lymph Node, Mandibular		Pigmentation	Minimal
	[ Pigmentation TGLS = 3-9 ]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 4-8 ]		
* Mammary Gland		Dilatation	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 297	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 678
	<b>DOSE:</b> 150 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> MA913417

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Minimal
		Pigmentation	Minimal
[ Pigmentation TGLS = 2-10 ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 11-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-3 ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 12-14,14A ]			
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
[ Adenoma TGLS = 10-2 ]			

PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 298

TRT#: 4

SEX: Female

DAY ON TEST: 678

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
		Deformity	
	[ Angiectasis TGLS = 4-6A ]		
	[ Deformity TGLS = 7-6B ]		
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
		Hyperplasia	Mild
	[ Fibroadenoma TGLS = 1-10A ]		
Mesentery	Fat	Necrosis	Marked
	[ Necrosis TGLS = 3-15 ]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 5-8 ]		
* Stom Gland			
	Note: GROSS FOCI NOT SEEN IN ANY OF 5 PIECES IN 14A. TGL 6-NCL		
* Thymus		Atrophy	Mild
* Uterus		Polyp Stromal	
	[ Polyp Stromal TGLS = 2-7A ]		
Vagina		Infiltration Cellular	Polymorphnuclr, Marked

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 298

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 678

**DOSE:** 150 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913418

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Infiltration Cellular TGLS = 9-7B ]

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**PRIMARY CAUSE OF DEATH**

- Pituitary Gland Pars Distalis Adenoma

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 299

TRT#: 4

SEX: Female

DAY ON TEST: 636

DOSE: 150 PPM

DISP: Moribund Sacrifice

HISTO: MA913419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Heart		Cardiomyopathy	Minimal
	Atrium	Thrombosis	Moderate
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 3-6 ]		
* Lung		Leukemia Mononuclear	
	Note: CONGESTED VESSELS IN SOME AREAS OF PLEURA. TGL 4-NCL		
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
		Hyperplasia	Mild
	[ Fibroadenoma TGLS = 1-15 ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Thrombosis	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
	[ Cyst TGLS = 5-8 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-3 ]		
* Stom Gland			
	Note: TGL 6-NCL		
* Uterus		Polyp Stromal	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 299

**TRT#:** 4  
**DOSE:** 150 PPM

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:** 636  
**HISTO:** MA913419

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 300

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913420

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Bone		Hyperostosis	Marked
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 4-1A ]			
* Kidney		Nephropathy	Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-15 ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-6,6A ]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hemorrhage	Marked
[ Hemorrhage TGLS = 2-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

\* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Dilatation	Minimal
[ Fibroadenoma TGLS = 1-10A,10B ]		Fibroadenoma	
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-15 ]			
* Ovary		Cyst	Mild
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8A ]			
Tooth		Developmental Malformation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10C ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8A ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stom Gland			
Note: RED RAISED FOCUS NOT IN SLIDE 14A OR 14. TGL 8-NCL			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 4-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	[ Basophilic Focus TGLS = 4-6A,6A.1 ]		
	[ Clear Cell Focus TGLS = 4-6A ]		
* Lym Node Mand			
Note: TGL 2-NCL			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Hyperplasia	Histiocytic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 3-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	[ Basophilic Focus TGLS = 4-6B ]		
	[ Hepatodiaphragmatic Nodule TGLS = 3-6A ]		
* Mammary Gland		Fibroadenoma	Multiple
	[ Fibroadenoma TGLS = 1-10A; 2-10B ]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Pigmentation	Moderate
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 484

DOSE: 150 PPM

DISP: Natural Death

HISTO: MA913426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Cortex
- \* Bone Marrow
- \* Heart
- \* Intestine Small, Duodenum
- \* Kidney
- \* Mammary Gland
- \* Pituitary Gland
- \* Stomach, Glandular
- \* Uterus

- \* Adrenal Medulla
- \* Brain
- \* Intestine Large, Cecum
- \* Intestine Small, Ileum
- \* Lung
- \* Ovary
- \* Salivary Glands
- \* Thyroid Gland

- \* Blood Vessel
- \* Clitoral Gland
- \* Intestine Large, Colon
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Pancreas
- \* Skin
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Parathyroid Gland
- \* Spleen
- \* Urinary Bladder

OBSERVATIONS

\* Kidney  
Note: TGL 1-NCL

\* Liver

\* Nose

Respirat Epith  
Olfactory Epi  
Respirat Epith

Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.

\* Stomach, Forestomach  
[ Hyperplasia TGLS = 2-14A ]

Epithelium

\* Thymus

Basophilic Focus  
Hyperplasia  
Inflammation  
Inflammation

Hyperplasia

Hemorrhage

Minimal  
Chronic Active, Minimal  
Chronic Active, Moderate

Minimal

Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 3-8 ]			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 4-6A ]			
[ Mixed Cell Focus TGLS = 4-6A ]			
* Lung	Artery	Inflammation	Chronic Active, Minimal
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Marked
[ Dilatation TGLS = 2-10B ]			
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Basophilic Focus Clear Cell Focus Inflammation Mixed Cell Focus	Granulomatous, Minimal
[ Basophilic Focus TGLS = 2-6A ]			
[ Clear Cell Focus TGLS = 2-6A ]			
[ Mixed Cell Focus TGLS = 2-6A ]			
* Lung		Melanoma Malignant	Metastatic (Skin)
* Mammary Gland		Fibroadenoma Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Skin	Subcut Tiss	Melanoma Malignant	
[ Melanoma Malignant TGLS = 3-15 ]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6A ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
[ Hemorrhage TGLS = 3-3A ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[ Cyst TGLS = 4-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                     |               |                      |         |
|-------------------------------------|---------------|----------------------|---------|
| * Heart                             |               | Cardiomyopathy       | Minimal |
| * Kidney                            |               | Nephropathy          | Minimal |
| * Liver                             |               | Basophilic Focus     |         |
|                                     |               | Clear Cell Focus     |         |
| [ Basophilic Focus TGLS = 4-6A ]    |               |                      |         |
| [ Clear Cell Focus TGLS = 4-6A ]    |               |                      |         |
| * Mammary Gland                     |               | Dilatation           | Minimal |
|                                     |               | Hyperplasia          | Minimal |
|                                     |               | Adenoma              |         |
| * Pituitary Gland                   | Pars Distalis |                      |         |
| [ Adenoma TGLS = 2-8 ]              |               |                      |         |
| * Spleen                            |               | Leukemia Mononuclear |         |
| [ Leukemia Mononuclear TGLS = 1-3 ] |               |                      |         |
| * Thyroid Gland                     | C Cell        | Hyperplasia          | Minimal |
| * Uterus                            |               | Polyp Stromal        |         |
| [ Polyp Stromal TGLS = 3-7A ]       |               |                      |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
	[ Basophilic Focus TGLS = 2-6A ]		
	[ Mixed Cell Focus TGLS = 2-6A ]		
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]		
* Nose	Olfactory Epi	Inflammation	Chronic Active, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Stom Forestom			
	Note: STOMACH WALL CONTRACTED UNEVENLY. TGL 4-NCL		
* Thymus		Thymoma Benign	
* Thyroid Gland	C Cell	Adenoma	
	[ Adenoma TGLS = 3-2 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Bone		Hyperostosis	Moderate
* Clitoral Gland		Cyst	Mild
		Hyperplasia	Mild
[ Cyst TGLS = 3-10 ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6,6A ]			
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 1-15 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 313

TRT#: 4

DOSE: 150 PPM

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 734

HISTO: MA913433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Parathyroid Gland
* Pituitary Gland	* Trachea		

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Cecum		Hemorrhage	Minimal
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-5,5A ]			
* Intestine Small, Ileum		Hemorrhage	Minimal
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-5,5A ]			
* Intestine Small, Jejunum		Hemorrhage	Minimal
		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-5,5A ]			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 15-2,3 ]			
Lymph Node		Hemorrhage	Mild
	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	

Note: TGL 3 INVOLVES AXILLARY LYMPH NODE, HOWEVER, TERM NOT AVAILABLE.

[ Hemorrhage TGLS = 3-15 ]

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913433

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 3-15 ]

[ Leukemia Mononuclear TGLS = 9-9 ]

[ Leukemia Mononuclear TGLS = 8-16 ]

[ Leukemia Mononuclear TGLS = 13-17 ]

[ Leukemia Mononuclear TGLS = 16-18 ]

[ Leukemia Mononuclear TGLS = 1-10 ]

\* Lymph Node, Mandibular

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 2-9 ]

\* Lymph Node, Mesenteric

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 5-8 ]

\* Mammary Gland

Dilatation

Moderate

[ Dilatation TGLS = 1-10 ]

\* Nose

Respirat Epith

Degeneration

Hyaline, Minimal

Respirat Epith

Hyperplasia

Minimal

\* Ovary

Cyst

Mild

[ Cyst TGLS = 4-7 ]

\* Pancreas

Leukemia Mononuclear

\* Salivary Glands

Leukemia Mononuclear

\* Skin

Subcut Tiss

Leukemia Mononuclear

\* Spleen

Fibrosis

Mild

Leukemia Mononuclear

[ Fibrosis TGLS = 11-3A ]

[ Leukemia Mononuclear TGLS = 10-3 ]

\* Stomach, Forestomach

Epithelium

Hyperplasia

Mild

Leukemia Mononuclear

[ Hyperplasia TGLS = 18-14A ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 18-14,14A ]

\* Thymus

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 14-3 ]

\* Thyroid Gland

C Cell

Hyperplasia

Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 313

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 150 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913433

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

\* Urinary Bladder

Leukemia Mononuclear

\* Uterus

Cyst

Mild

---

**PRIMARY CAUSE OF DEATH**

-

Animal Note: CARCASS YELLOW, TGL 17-NST

---

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 314

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                    |               |                           |          |
|------------------------------------|---------------|---------------------------|----------|
| * Adrenal Cortex                   |               | Vacuolization Cytoplasmic | Minimal  |
| * Kidney                           |               | Mineralization            | Minimal  |
|                                    |               | Nephropathy               | Minimal  |
| * Liver                            |               | Basophilic Focus          |          |
|                                    |               | Deformity                 |          |
|                                    |               | Eosinophilic Focus        |          |
|                                    |               |                           |          |
| [ Basophilic Focus TGLS = 4-6B ]   |               |                           |          |
| [ Deformity TGLS = 1-6A ]          |               |                           |          |
| [ Eosinophilic Focus TGLS = 4-6B ] |               |                           |          |
| * Lymph Node, Mesenteric           |               | Hemorrhage                | Minimal  |
| * Mammary Gland                    |               | Dilatation                | Marked   |
| [ Dilatation TGLS = 3-10 ]         |               |                           |          |
| * Pituitary Gland                  | Pars Distalis | Adenoma                   |          |
| [ Adenoma TGLS = 2-8 ]             |               |                           |          |
| * Spleen                           |               | Pigmentation              | Moderate |
| * Thymus                           | Epithel Cell  | Hyperplasia               | Moderate |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 315

TRT#: 4

SEX: Female

DAY ON TEST: 734

DOSE: 150 PPM

DISP: Terminal Sacrifice

HISTO: MA913435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-6,6A ]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-15 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
Note: FUNGAL HYPHAE IN LUMEN.			
* Pituitary Gland	Pars Distalis	Hemorrhage	Mild
[ Hemorrhage TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3 ]			
* Thymus		Atrophy	Mild
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 316

TRT#: 6

SEX: Female

DAY ON TEST: 663

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 10-1 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Casts	Mild
		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 8-15 ]			
[ Hemorrhage TGLS = 9-3A ]			
[ Leukemia Mononuclear TGLS = 3-9A ]			
[ Leukemia Mononuclear TGLS = 8-15 ]			
[ Leukemia Mononuclear TGLS = 9-3A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 316

TRT#: 6

DOSE: 325 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 663

HISTO: MA913336

ORGAN AND ACCOUNTABLE SITE STATUS

\* Lymph Node, Mandibular

Hemorrhage

Mild

Leukemia Mononuclear

\* Lymph Node, Mesenteric

Hemorrhage

Mild

Leukemia Mononuclear

[ Hemorrhage TGLS = 2-8A ]

[ Leukemia Mononuclear TGLS = 2-8A ]

\* Mammary Gland

Hyperplasia

Moderate

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 4-3,3B; 5-3B; 6-3 ]

\* Stomach, Glandular

Necrosis

Moderate

[ Necrosis TGLS = 11-14A ]

\* Thymus

Atrophy

Moderate

Hemorrhage

Mild

\* Uterus

Hemorrhage

Marked

Polyp Stromal

[ Hemorrhage TGLS = 1-7A ]

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Cortex Leukemia Mononuclear;Adrenal Medulla Leukemia Mononuclear;Bone Marrow Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
Note: TGL 7-NCL			
[ Leukemia Mononuclear TGLS = 4-6 ]			
* Lung		Hemorrhage	Mild
[ Hemorrhage TGLS = 9-2A ]		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[ Hemorrhage TGLS = 6-9A ]			
[ Hemorrhage TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 6-9A ]			
[ Leukemia Mononuclear TGLS = 8-3A ]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 2-9 ]			
[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 317

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913337

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hemorrhage TGLS = 5-8 ]

[ Leukemia Mononuclear TGLS = 5-8 ]

[ Pigmentation TGLS = 5-8 ]

\* Mammary Gland

Dilatation

Minimal

Fibroadenoma

[ Fibroadenoma TGLS = 1-10A ]

\* Nose

Respirat Epith

Inflammation

Chronic Active, Marked

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Cyst

Minimal

\* Spleen

Leukemia Mononuclear

[ Leukemia Mononuclear TGLS = 3-3 ]

\* Thymus

Atrophy

Moderate

\* Uterus

Abscess

Moderate

Inflammation

Chronic Active, Mild

[ Abscess TGLS = 10-7A ]

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 318

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[ Basophilic Focus TGLS = 2-6A ]			
[ Clear Cell Focus TGLS = 2-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Stom Gland			
Note: TGL 3-NCL			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 319

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Clitoral Gland

OBSERVATIONS

* Bone		Malformation	
[ Malformation TGLS = 7-16, 16.1 ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 5-6A ]			
* Lung			
Note: TGL 8-NCL			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10; 2-10A; 3-10B ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-15 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 320

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Small, Ileum	* Intestine Small, Jejunum
---------------	--------------------------	----------------------------

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Brain		Hemorrhage	Minimal
* Heart	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 5-14A.1 ]			
* Thymus	Epithel Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 321

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |  |               |                            |          |
|--|---------------|----------------------------|----------|
| * Bone                                     |               | Hyperostosis               | Mild     |
| * Kidney                                   |               | Mineralization             | Minimal  |
| * Liver                                    |               | Basophilic Focus           |          |
|  |               | Eosinophilic Focus         |          |
|  |               | Hepatodiaphragmatic Nodule |          |
| [ Basophilic Focus TGLS = 2-6B ]           |               |                            |          |
| [ Eosinophilic Focus TGLS = 2-6B ]         |               |                            |          |
| [ Hepatodiaphragmatic Nodule TGLS = 1-6A ] |               |                            |          |
| * Pituitary Gland                          | Pars Distalis | Cyst                       | Mild     |
|  | Pars Distalis | Hyperplasia                | Moderate |
| [ Cyst TGLS = 3-8 ]                        |               |                            |          |
| [ Hyperplasia TGLS = 3-8 ]                 |               |                            |          |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 322

TRT#: 6

SEX: Female

DAY ON TEST: 608

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                               |                |                                  |                  |
|-------------------------------|----------------|----------------------------------|------------------|
| * Clitoral Gland              |                | Adenoma                          |                  |
| * Kidney                      |                | Mineralization                   | Minimal          |
| * Mammary Gland               |                | Carcinoma                        |                  |
|                               |                | Dilatation                       | Minimal          |
|                               |                | Fibroadenoma                     |                  |
| [ Carcinoma TGLS = 3-10B ]    |                |                                  |                  |
| [ Fibroadenoma TGLS = 2-10A ] |                |                                  |                  |
| * Nose                        | Respirat Epith | Degeneration                     | Hyaline, Minimal |
| * Pituitary Gland             | Pars Distalis  | Adenoma                          |                  |
| [ Adenoma TGLS = 4-8A ]       |                |                                  |                  |
| * Spleen                      |                | Hematopoietic Cell Proliferation | Mild             |
| * Stomach, Forestomach        |                | Ulcer                            | Marked           |
| [ Ulcer TGLS = 5-14A ]        |                |                                  |                  |
| * Thymus                      |                | Atrophy                          | Mild             |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 655

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
[ Hepatodiaphragmatic Nodule TGLS = 4-6A ]			
Lymph Node	Deep Cervical	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Moderate
	Deep Cervical	Hyperplasia	Plasma Cell, Moderate
	Mediastinal	Hyperplasia	Plasma Cell, Mild
	Deep Cervical	Pigmentation	Mild
	Mediastinal	Pigmentation	Mild
[ Hemorrhage TGLS = 5-16 ]			
[ Hemorrhage TGLS = 6-17 ]			
[ Hyperplasia TGLS = 5-16 ]			
[ Hyperplasia TGLS = 6-17 ]			
[ Pigmentation TGLS = 6-17 ]			
[ Pigmentation TGLS = 5-16 ]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
		Hyperplasia	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
[ Hyperplasia TGLS = 1-9 ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 323

TRT#: 6

SEX: Female

DAY ON TEST: 655

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913343

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hyperplasia TGLS = 1-9 ]

[ Inflammation TGLS = 1-9 ]

Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 3-15 ]			
* Nose Note: FUNGAL HYPAHE IN NASAL CAVITY.	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Leukemia Mononuclear	
* Uterus		Hydrometra	Marked
[ Hydrometra TGLS = 2-7A ]			
Zymbal's Gland		Carcinoma	
[ Carcinoma TGLS = 7,8-18+19+9 ]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 324

TRT#: 6

SEX: Female

DAY ON TEST: 717

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Granulosa Cell Tumor Benign	
[ Granulosa Cell Tumor Benign TGLS = 2-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 325

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]			
[ Eosinophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 4-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 326

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Necrosis	Minimal
Note: FRESH BLOOD ON CAPSULE IS A POST MORTEM CHANGE. TGL 4-NCL			
			[ Basophilic Focus TGLS = 3-6 ]
			[ Leukemia Mononuclear TGLS = 3-6 ]
			[ Mixed Cell Focus TGLS = 3-6 ]
			[ Necrosis TGLS = 3-6 ]
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
			[ Infiltration Cellular TGLS = 6-2A ]
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
			[ Necrosis TGLS = 1-15 ]
* Pituitary Gland	Pars Distalis	Adenoma	
			[ Adenoma TGLS = 5-8 ]

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:29  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 326

**TRT#:** 6  
**DOSE:** 325 PPM

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:** 734  
**HISTO:** MA913346

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 2-3 ]		Leukemia Mononuclear	
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 327

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	[ Hepatodiaphragmatic Nodule TGLS = 2-6 ]		
	[ Mixed Cell Focus TGLS = 3-6A ]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Minimal
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
	Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8 ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 328

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Pleura	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Clitoral Gland	Bilateral	Cyst	Moderate
[ Cyst TGLS = 2,3-10 ]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 4-6,6A ]			
[ Clear Cell Focus TGLS = 4-6 ]			
[ Mixed Cell Focus TGLS = 4-6A ]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[ Dilatation TGLS = 1-10 ]			
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 328

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913348

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 329

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7 ]			
* Pancreas		Infiltration Cellular	Mixed Cell, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[ Adenoma TGLS = 2-8 ]			
[ Cyst TGLS = 2-8 ]			
* Thymus	Epithel Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Inflammation	Chronic Active, Moderate
[ Inflammation TGLS = 3-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 330

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Cyst	Mild
[ Cyst TGLS = 2-10 ]			
* Liver		Basophilic Focus	
		Deformity	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 5-6B ]			
[ Deformity TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Hyperostosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
[ Hemorrhage TGLS = 11-1,1A ]			
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Mild
[ Leukemia Mononuclear TGLS = 9-15 ]			
[ Leukemia Mononuclear TGLS = 10-3A ]			
[ Leukemia Mononuclear TGLS = 7-16 ]			
[ Pigmentation TGLS = 9-15 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-8 ]			
* Mammary Gland		Fibroadenoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 331

TRT#: 6

SEX: Female

DAY ON TEST: 668

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913351

ORGAN AND ACCOUNTABLE SITE STATUS

[ Fibroadenoma TGLS = 1-10A ]		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7 ]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 12-8 ]			
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-3 ]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 14-14,14A ]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-9 ]			

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear; Bone Marrow Leukemia Mononuclear; Clitoral Gland Leukemia Mononuclear; Heart Leukemia Mononuclear; Kidney Leukemia Mononuclear; Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Lymph Node Mediastinal Leukemia Mononuclear; Lymph Node Renal Leukemia Mononuclear; Lymph Node Iliac Leukemia Mononuclear; Lymph Node; Mandibular Leukemia Mononuclear; Lymph Node; Mesenteric Leukemia Mononuclear; Pancreas Leukemia Mononuclear; Pituitary Gland Leukemia Mononuclear; Salivary Glands Leukemia Mononuclear; Skin Subcut Tiss Leukemia Mononuclear; Spleen Leukemia Mononuclear; Stomach; Forestomach Leukemia Mononuclear; Thymus Leukemia Mononuclear; Urinary Bladder Leukemia Mononuclear

Animal Note: CARCASS THIN, TGL 8-NST

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 332

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Deformity	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[ Deformity TGLS = 4-6 ]			
[ Eosinophilic Focus TGLS = 5-6A,6A.1 ]			
[ Leukemia Mononuclear TGLS = 8-6 ]			
* Lung		Inflammation	Chronic Active, Mild
[ Inflammation TGLS = 7-2,2A,3 ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[ Fibrosis TGLS = 3-3 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:29

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

**Lab:** TSI MASON

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**ANIMAL ID:** 332

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913352

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Thyroid Gland

C Cell

Adenoma

---

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 333

TRT#: 6

SEX: Female

DAY ON TEST: 571

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

\* Mammary Gland

AUTO PRECLUDES DIAG.

\* Bone Marrow

OBSERVATIONS

* Heart	Atrium	Thrombosis	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Minimal
[ Hemorrhage TGLS = 4-3A ]			
[ Pigmentation TGLS = 4-3A ]			
* Ovary		Cyst	Moderate
[ Cyst TGLS = 1-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-3 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 528

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-2A ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-15 ]			
[ Leukemia Mononuclear TGLS = 10-3A ]			
[ Leukemia Mononuclear TGLS = 5-9A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-8A ]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Marked
		Leukemia Mononuclear	
[ Atrophy TGLS = 6-9A ]			
[ Leukemia Mononuclear TGLS = 6-9A ]			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 334

TRT#: 6

SEX: Female

DAY ON TEST: 528

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913354

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3; 4-3,3B ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 12-14 ]			
* Thymus		Leukemia Mononuclear	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Intestine Small;Ileum Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Mesentery Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear

Animal Note: THORACIC CAVITY 2ML RED FLUID, TGL 9-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 335

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10C ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 4-7A ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 5-7B ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 336	<b>TRT#:</b> 6 <b>DOSE:</b> 325 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> MA913356
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Mild
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6A ]			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[ Cyst TGLS = 3-8 ]			
[ Hyperplasia TGLS = 3-8 ]			
* Spleen		Pigmentation	Mild
* Thymus	Epithel Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 337

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Leukemia Mononuclear	
	[ Eosinophilic Focus TGLS = 3-6A ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
	[ Fibroadenoma TGLS = 1-10A ]		
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 2-3 ]		
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 338

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 2-6A ]			
[ Inflammation TGLS = 2-6A ]			
[ Mixed Cell Focus TGLS = 2-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 339

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [ Carcinoma TGLS = 1-10A ]		Carcinoma	
* Liver [ Basophilic Focus TGLS = 2-6A ]		Basophilic Focus	
* Mammary Gland		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland [ Adenoma TGLS = 3-8 ] [ Cyst TGLS = 3-8 ]	Pars Distalis Pars Distalis	Adenoma Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 340

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 4-6B ]			
[ Hepatodiaphragmatic Nodule TGLS = 3-6A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7A ]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:29

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 341

TRT#: 6

SEX: Female

DAY ON TEST: 613

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Hepatodiaphragmatic Nodule	
[ Hepatodiaphragmatic Nodule TGLS = 2-6 ]			
* Mammary Gland		Dilatation	Moderate
[ Dilatation TGLS = 1-10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 342

TRT#: 6

SEX: Female

DAY ON TEST: 697

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: TGL 4-NCL			
[ Basophilic Focus TGLS = 5-6A ]			
[ Eosinophilic Focus TGLS = 5-6A ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-15 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cystadenoma	
[ Cystadenoma TGLS = 1-7A+7B ]			
* Skin	Subcut Tiss	Melanoma Malignant	
[ Melanoma Malignant TGLS = 6-10A ]			
* Stomach, Glandular		Necrosis	Minimal
[ Necrosis TGLS = 7-14 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Ovary Cystadenoma

Animal Note: ABDOMINAL CAVITY BROWN FLUID, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 343

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
	[ Basophilic Focus TGLS = 3-6 ]		
	[ Mixed Cell Focus TGLS = 3-6 ]		
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Mild
	[ Dilatation TGLS = 2-10B ]		
	[ Fibroadenoma TGLS = 1-10A ]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 344

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
		Leukemia Mononuclear	
[ Basophilic Focus TGLS = 2-6,6A ]			
Oral Mucosa		Squamous Cell Papilloma	
[ Squamous Cell Papilloma TGLS = 4-12,12A ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 3-8 ]			
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Cyst	Moderate
[ Cyst TGLS = 1-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 345

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
	[ Basophilic Focus TGLS = 3-6A; 5-6B ]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Minimal
	[ Fibroadenoma TGLS = 1-10A ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 2-15 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8 ]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 346

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Leukemia Mononuclear	
	[ Angiectasis TGLS = 4-6A,6B ]		
	[ Basophilic Focus TGLS = 3-6A ]		
	[ Leukemia Mononuclear TGLS = 2-6 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	[ Leukemia Mononuclear TGLS = 5-3A ]		
	[ Pigmentation TGLS = 5-3A ]		
Mesentery	Fat	Necrosis	Moderate
	[ Necrosis TGLS = 1-15 ]		
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 6-8 ]		
* Spleen		Leukemia Mononuclear	
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 347

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Vacuolization Cytoplasmic	Mild
[ Vacuolization Cytoplasmic TGLS = 2-6A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 4-10 ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 348

TRT#: 6

SEX: Female

DAY ON TEST: 506

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Liver		Necrosis	Moderate
[ Necrosis TGLS = 1-6A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Moderate
Note: FUNGAL HYPHAE IN LUMEN.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Spleen		Pigmentation	Mild
* Stom Gland			
Note: TGL 5-NCL			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[ Hyperplasia TGLS = 4-14A ]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 349

TRT#: 6

SEX: Female

DAY ON TEST: 735

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Hyperostosis	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Mesenchymal Tumor Malignant	
		Nephropathy	Minimal
	[ Mesenchymal Tumor Malignant TGLS = 1-4,4A ]		
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Vacuolization Cytoplasmic	Minimal
	Note: TGL 3-NCL		
	[ Hepatodiaphragmatic Nodule TGLS = 2-6A ]		
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 350

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Moderate
	[ Angiectasis TGLS = 3-8 ]		
	[ Vacuolization Cytoplasmic TGLS = 3-8 ]		
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
	[ Hepatodiaphragmatic Nodule TGLS = 4-6A ]		
* Mammary Gland		Dilatation	Marked
		Hyperplasia	Moderate
	[ Dilatation TGLS = 2-10A ]		
	[ Hyperplasia TGLS = 2-10A ]		
* Nose	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 5-8 ]		
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[ Hyperplasia TGLS = 6-14,14A ]		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 350

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 325 PPM

**DISP:** Natural Death

**HISTO:** MA913370

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Stomach, Glandular  
[ Necrosis TGLS = 6-14A ]

Necrosis

Minimal

\* Thymus

Atrophy

Moderate

---

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

---

Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 351

TRT#: 6

SEX: Female

DAY ON TEST: 714

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                 |               |              |                  |
|---------------------------------|---------------|--------------|------------------|
| * Adrenal Cortex                |               | Angiectasis  | Mild             |
| * Bone                          |               | Hyperostosis | Marked           |
| * Clitoral Gland                |               | Cyst         | Moderate         |
| [ Cyst TGLS = 3-10B ]           |               |              |                  |
| * Kidney                        |               | Nephropathy  | Marked           |
| Lymph Node                      | Renal         | Hemorrhage   | Moderate         |
| [ Hemorrhage TGLS = 4-15 ]      |               |              |                  |
| * Mammary Gland                 |               | Dilatation   | Marked           |
| [ Dilatation TGLS = 2-10,10A ]  |               | Hyperplasia  | Marked           |
| [ Hyperplasia TGLS = 2-10,10A ] |               |              |                  |
| * Nose                          | Olfactory Epi | Degeneration | Hyaline, Minimal |
| * Pituitary Gland               | Pars Distalis | Adenoma      |                  |
| [ Adenoma TGLS = 5-8 ]          |               |              |                  |

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 352

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Kidney		Mineralization	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[ Clear Cell Focus TGLS = 5-6B ]			
[ Eosinophilic Focus TGLS = 5-6B ]			
[ Hepatodiaphragmatic Nodule TGLS = 1-6A ]			
Lymph Node		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
Note: TGL 2 INVOLVES AXILLARY LN, HOWEVER, TERM NOT AVAILABLE.			
[ Hemorrhage TGLS = 2-15 ]			
[ Hyperplasia TGLS = 2-15 ]			
[ Pigmentation TGLS = 2-15 ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 3-10A ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN LUMEN.			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 352

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913372

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Pituitary Gland  
[ Adenoma TGLS = 4-8 ]

Pars Distalis

Adenoma

\* Thyroid Gland

C Cell

Hyperplasia

Minimal

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 353

TRT#: 6

SEX: Female

DAY ON TEST: 525

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone		Osteosarcoma	
[ Osteosarcoma TGLS = 1-15 ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Deformity	
		Hepatodiaphragmatic Nodule	
		Necrosis	Minimal
[ Deformity TGLS = 8-6B ]			
[ Hepatodiaphragmatic Nodule TGLS = 5-6A; 8-6B ]			
* Lung		Osteosarcoma	Metastatic (Bone)
[ Osteosarcoma TGLS = 6-3 ]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Histiocytic, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 4-9A ]			
[ Hyperplasia TGLS = 4-9A ]			
[ Hyperplasia TGLS = 3-3A ]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[ Hyperplasia TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 353

**TRT#:** 6  
**DOSE:** 325 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 525  
**HISTO:** MA913373

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Pituitary Gland  
[ Adenoma TGLS = 7-8 ]

Pars Distalis

Adenoma

\* Spleen

Hematopoietic Cell Proliferation

Moderate

---

PRIMARY CAUSE OF DEATH

- Bone Osteosarcoma

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 354

TRT#: 6

SEX: Female

DAY ON TEST: 597

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver			
Note: TGL 3-NCL			
* Mammary Gland		Dilatation	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 355

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Vacuolization Cytoplasmic	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Ovary		Granulosa-Theca Tumor Malignant	
[ Granulosa-Theca Tumor Malignant TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 356

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 1-10 ]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Mineralization	Minimal
		Pigmentation	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 5-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-8 ]			
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Mild
[ Dilatation TGLS = 3-10A ]			
[ Fibroadenoma TGLS = 2-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[ Angiectasis TGLS = 6-8 ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 356	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 734
	<b>DOSE:</b> 325 PPM	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> MA913376

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]		Leukemia Mononuclear	
* Stomach, Forestomach		Leukemia Mononuclear	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 357

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 6-6A ]			
[ Eosinophilic Focus TGLS = 6-6A ]			
[ Hepatocellular Adenoma TGLS = 4-6A ]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 3-15 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Mild
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Carcinoma	

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 357

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913377

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Carcinoma TGLS = 5-2 ]

\* Uterus

Cyst

Moderate

[ Cyst TGLS = 2-16 ]

[ Inflammation TGLS = 2-16 ]

Inflammation

Chronic Active, Moderate

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 358

TRT#: 6

SEX: Female

DAY ON TEST: 659

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	Moderate
* Intestine Large, Cecum		Inflammation	Chronic Active, Mild
		Ulcer	Mild
* Intestine Large, Colon		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-6 ]		
* Lung		Hemorrhage	Mild
	[ Hemorrhage TGLS = 10-2A ]		
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
	[ Hemorrhage TGLS = 9-3A ]		
	[ Pigmentation TGLS = 9-3A ]		
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
		Hyperplasia	Marked
	[ Dilatation TGLS = 1-10A ]		
	[ Fibroadenoma TGLS = 3-10C ]		
	[ Hyperplasia TGLS = 1-10A ]		
* Pituitary Gland	Pars Distalis	Adenoma	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 358	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 659
	<b>DOSE:</b> 325 PPM	<b>DISP:</b> Natural Death	<b>HISTO:</b> MA913378

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Adenoma TGLS = 11-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 2-10B ]			
* Spleen		Accessory Spleen Leukemia Mononuclear	
[ Accessory Spleen TGLS = 5-3B ]			
[ Leukemia Mononuclear TGLS = 6-3 ]			
* Stomach, Glandular		Necrosis	Moderate
[ Necrosis TGLS = 12-14,14A ]			
* Thymus		Atrophy	Marked

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PRIMARY CAUSE OF DEATH	- UNCERTAIN			
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow	Leukemia Mononuclear;Liver	Leukemia Mononuclear;Spleen	Leukemia Mononuclear

---

Animal Note: THORACIC CAVITY 5ML YELLOW FLUID, TGL 8-NST

Animal Note: CARCASS YELLOW, TGL 4-NST

---

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 359

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |   |               |                            |         |
|---|---------------|----------------------------|---------|
| * Kidney  |               | Nephropathy                | Minimal |
| * Liver   |               | Basophilic Focus           |         |
|   |               | Clear Cell Focus           |         |
|   |               | Hepatodiaphragmatic Nodule |         |
| [ Basophilic Focus TGLS = 2-6B ]  |               |                            |         |
| [ Clear Cell Focus TGLS = 2-6B ]  |               |                            |         |
| [ Hepatodiaphragmatic Nodule TGLS = 1-6A ]                                  |               |                            |         |
| * Mammary Gland   |               | Dilatation                 | Minimal |
|   |               | Hyperplasia                | Mild    |
| * Pituitary Gland   | Pars Distalis | Adenoma                    |         |
| [ Adenoma TGLS = 3-8 ]  |               |                            |         |
| * Stom Gland  |               |                            |         |
| Note: SLIGHT FOCAL INCREASE IN THICKNESS OF MUCOSA, NOT A LESION. TGL 4-NCL |               |                            |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 360

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [ Cyst TGLS = 3-10 ]		Cyst	Moderate
* Heart Note: BACTERIA PRESENT.			
* Kidney  Note: BACTERIA SEEN IN CORTEX. [ Inflammation TGLS = 4-4A ]		Inflammation Mineralization Nephropathy	Acute, Mild Minimal Mild
* Liver  [ Hepatodiaphragmatic Nodule TGLS = 1-6A ]		Hepatodiaphragmatic Nodule Necrosis	Mild
* Lung		Inflammation	Acute, Mild
* Mammary Gland		Fibroadenoma	
* Nose		Foreign Body	
* Pituitary Gland [ Adenoma TGLS = 2-8A ]	Respirat Epith Pars Distalis	Inflammation Adenoma	Chronic Active, Minimal
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach [ Hyperplasia TGLS = 5-14A ]	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 360

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 708

**DOSE:** 325 PPM

**DISP:** Natural Death

**HISTO:** MA913380

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: TGL'S 1+2 NOT INCLUDED DUE TO RECORDING ERRORS ON THE IANR

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

AUTO PRECLUDES DIAG.

\* Bone Marrow

OBSERVATIONS

* Clitoral Gland		Histiocytic Sarcoma	
* Heart		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 12-6 ]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	Pancreatic	Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 4-9A; 9-15B ]			
[ Histiocytic Sarcoma TGLS = 11-3A ]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[ Histiocytic Sarcoma TGLS = 3-8A; 6-15 ]			
* Mammary Gland		Fibroadenoma	
		Histiocytic Sarcoma	
[ Fibroadenoma TGLS = 8-10A ]			
[ Histiocytic Sarcoma TGLS = 8-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 7-15A ]			
* Nose	Respirat Epith	Histiocytic Sarcoma	
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Ovary		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 661

DOSE: 325 PPM

DISP: Natural Death

HISTO: MA913381

ORGAN AND ACCOUNTABLE SITE STATUS

[ Histiocytic Sarcoma TGLS = 4-9A ]		
* Pituitary Gland	Pars Distalis	Histiocytic Sarcoma
[ Histiocytic Sarcoma TGLS = 10-8 ]		
* Skin	Subcut Tiss	Histiocytic Sarcoma
* Spleen		Histiocytic Sarcoma
[ Histiocytic Sarcoma TGLS = 5-3 ]		
* Thymus		Histiocytic Sarcoma
* Urinary Bladder		Histiocytic Sarcoma
* Uterus		Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Clitoral Gland Histiocytic Sarcoma;Heart Histiocytic Sarcoma;Liver Histiocytic Sarcoma;Lung Histiocytic Sarcoma;Lymph Node Mediastinal Histiocytic Sarcoma;Lymph Node Pancreatic Histiocytic Sarcoma;Lymph Node;Mandibular Histiocytic Sarcoma;Lymph Node;Mesenteric Histiocytic Sarcoma;Mammary Gland Histiocytic Sarcoma;Nose Respirat Epith Histiocytic Sarcoma;Ovary Histiocytic Sarcoma;Pancreas Histiocytic Sarcoma;Pituitary Gland Pars Distalis Histiocytic Sarcoma;Skin Subcut Tiss Histiocytic Sarcoma;Spleen Histiocytic Sarcoma;Thymus Histiocytic Sarcoma;Urinary Bladder Histiocytic Sarcoma;Uterus Histiocytic Sarcoma

Animal Note: TGLS 1 AND 2 NOT INCLUDED DUE TO RECORDING ERRORS ON INDIVIDUAL ANIMAL NECROPSY RECORD.

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Femur	Hyperostosis	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Nephropathy	Minimal
		Pigmentation	Mild
[ Pigmentation TGLS = 10-4 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 11-6 ]			
* Lung		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-2,3 ]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Renal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 9-16 ]			
[ Hemorrhage TGLS = 6-9A ]			
[ Hemorrhage TGLS = 12-3A ]			
[ Leukemia Mononuclear TGLS = 9-16 ]			
[ Leukemia Mononuclear TGLS = 12-3A ]			
[ Leukemia Mononuclear TGLS = 6-9A ]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913382

ORGAN AND ACCOUNTABLE SITE STATUS

[ Hemorrhage TGLS = 3-9 ] [ Leukemia Mononuclear TGLS = 3-9 ] * Lymph Node, Mesenteric		Hemorrhage Leukemia Mononuclear	Moderate
[ Hemorrhage TGLS = 5-8 ] [ Leukemia Mononuclear TGLS = 5-8 ] * Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 4-15 ] * Nose	Olfactory Epi Respirat Epith	Degeneration Degeneration	Hyaline, Mild Hyaline, Minimal
* Ovary		Inflammation	Granulomatous, Mild
* Pancreas	Acinus	Atrophy Leukemia Mononuclear	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 14-8 ] * Skin	Subcut Tiss	Sarcoma	
[ Sarcoma TGLS = 2-10A ] * Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3 ] * Stomach, Forestomach		Ulcer	Marked
Note: IN 14A ULCER IN FORESTOMACH ADJECENT TO GLANDULAR. [ Ulcer TGLS = 8-14A ] * Stomach, Glandular		Ulcer	Moderate
[ Ulcer TGLS = 8-14 ] * Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Pancreas Leukemia Mononuclear;Spleen Leukemia Mononuclear		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 362

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 694

**DOSE:** 325 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913382

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 363

TRT#: 6

SEX: Female

DAY ON TEST: 721

DOSE: 325 PPM

DISP: Moribund Sacrifice

HISTO: MA913383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Mild
		Inflammation	Chronic Active, Mild
[ Cyst TGLS = 3-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Degeneration	Hyaline, Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-6 ]			
Lymph Node	Renal	Hemorrhage	Minimal
	Renal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 7-15 ]			
[ Leukemia Mononuclear TGLS = 7-15 ]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-9 ]			
[ Leukemia Mononuclear TGLS = 4-9 ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 5-8 ]			
[ Leukemia Mononuclear TGLS = 5-8 ]			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 2-10A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 363	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 721
	<b>DOSE:</b> 325 PPM	<b>DISP:</b> Moribund Sacrifice	<b>HISTO:</b> MA913383

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Angiectasis TGLS = 11-8 ]	Pars Distalis	Angiectasis	Mild
* Spleen [ Fibrosis TGLS = 10-3A ] [ Leukemia Mononuclear TGLS = 6-3 ]		Fibrosis Leukemia Mononuclear	Mild
* Stomach, Forestomach [ Ulcer TGLS = 9-14A ]		Ulcer	Marked
* Stomach, Glandular [ Ulcer TGLS = 9-14A ]		Ulcer	Marked

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PRIMARY CAUSE OF DEATH	- UNCERTAIN
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: CARCASS THIN, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 734

DOSE: 325 PPM

DISP: Terminal Sacrifice

HISTO: MA913384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
Note: NODULES NOT APPARENT IN THREE SECTIONS. TGL 4-NCL			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[ Hemorrhage TGLS = 3-3A ]			
[ Pigmentation TGLS = 3-3A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 6-10A ]			
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-15 ]			
* Pancreas	Acinus	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[ Angiectasis TGLS = 5-8 ]			
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 1-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

**ANIMAL ID:** 365

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 325 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913385

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

- |  |                            |         |
|--|----------------------------|---------|
| * Heart                                    | Cardiomyopathy             | Mild    |
| * Kidney                                   | Mineralization             | Minimal |
|  | Nephropathy                | Minimal |
| * Liver                                    | Basophilic Focus           |         |
|  | Clear Cell Focus           |         |
|  | Hepatodiaphragmatic Nodule |         |
| [ Basophilic Focus TGLS = 3-6B ]           |                            |         |
| [ Hepatodiaphragmatic Nodule TGLS = 2-6A ] |                            |         |
| * Mammary Gland                            | Fibroadenoma               |         |
|  | Hyperplasia                | Minimal |
| [ Fibroadenoma TGLS = 1-10A ]              |                            |         |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 366

TRT#: 8

SEX: Female

DAY ON TEST: 700

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Parathyroid Gland

OBSERVATIONS

* Bone		Hyperostosis	Moderate
* Heart	Atrium	Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
Note: TGL 11-NCL			
[ Leukemia Mononuclear TGLS = 6-6,6A,6A.1 ]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-3A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-9 ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 8-15; 9-16 ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[ Adenoma TGLS = 10-8 ]			

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 366

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 700

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913286

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]	Leukemia Mononuclear	
* Stomach, Forestomach [ Ulcer TGLS = 13-14,14B.1 ]	Ulcer	Mild
* Stomach, Glandular [ Necrosis TGLS = 12-14A ]	Necrosis	Moderate

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Spleen Leukemia Mononuclear

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Animal Note: THORACIC CAVITY 1CC CLEAR FLUID, TGL 5-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 367

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Adenoma	
[ Adenoma TGLS = 3-10 ]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
[ Eosinophilic Focus TGLS = 4-6A ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[ Fibrous Histiocytoma TGLS = 1-10A ]			
* Thymus		Atrophy	Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CARCASS THIN, TGL 2-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 368

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- |                                  |                |                         |                  |
|----------------------------------|----------------|-------------------------|------------------|
| * Adrenal Medulla                |                | Pheochromocytoma Benign |                  |
| * Heart                          |                | Cardiomyopathy          | Minimal          |
| * Kidney                         |                | Mineralization          | Minimal          |
| * Liver                          |                | Basophilic Focus        |                  |
|                                  |                | Clear Cell Focus        |                  |
|                                  |                | Mixed Cell Focus        |                  |
|                                  |                |                         |                  |
| [ Basophilic Focus TGLS = 2-6A ] |                |                         |                  |
| [ Mixed Cell Focus TGLS = 2-6A ] |                |                         |                  |
| * Mammary Gland                  |                | Dilatation              | Mild             |
|                                  |                | Hyperplasia             | Mild             |
| * Nose                           | Respirat Epith | Degeneration            | Hyaline, Minimal |
|                                  | Respirat Epith | Hyperplasia             | Minimal          |
| * Pituitary Gland                | Pars Distalis  | Adenoma                 |                  |
| [ Adenoma TGLS = 1-8 ]           |                |                         |                  |

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 369

TRT#: 8

SEX: Female

DAY ON TEST: 722

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

\* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Kidney		Mineralization	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
[ Angiectasis TGLS = 3-6.1,6.2 ]			
[ Basophilic Focus TGLS = 2-6.1,6.2 ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A,10B ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

- Mammary Gland Fibroadenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

<b>ANIMAL ID:</b> 370	<b>TRT#:</b> 8 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 734 <b>HISTO:</b> MA913290
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Cyst	Mild
[ Cyst TGLS = 2-10 ]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	-
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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 371

TRT#: 8

SEX: Female

DAY ON TEST: 698

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Bone		Hyperostosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
[ Hemorrhage TGLS = 7-1 ]			
* Kidney		Mineralization	Mild
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Leukemia Mononuclear	
[ Hemorrhage TGLS = 4-9 ]			
[ Leukemia Mononuclear TGLS = 4-9 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-9 ]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 3-8 ]			
[ Leukemia Mononuclear TGLS = 3-8 ]			
* Mammary Gland		Dilatation	Moderate
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Mild

Note: FUNGAL HYPHAE IN NASAL CAVITY.

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

**ANIMAL ID:** 371

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 698

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913291

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Spleen [ Leukemia Mononuclear TGLS = 5-3 ]		Leukemia Mononuclear	
* Stomach, Forestomach [ Hyperplasia TGLS = 8-14A ] [ Inflammation TGLS = 8-14A ]	Epithelium	Hyperplasia Inflammation	Moderate Chronic Active, Mild
* Stomach, Glandular [ Necrosis TGLS = 8-14,14A ]		Necrosis	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH - Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Spleen Leukemia Mononuclear

Animal Note: CARCASS YELLOW, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 372

TRT#: 8

SEX: Female

DAY ON TEST: 733

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

\* Intestine Small, Ileum

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Granulomatous, Minimal
		Vacuolization Cytoplasmic	Moderate
	[ Vacuolization Cytoplasmic TGLS = 3-6 ]		
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
	[ Dilatation TGLS = 1-10A ]		
	[ Fibroadenoma TGLS = 2-10 ]		
* Nose	Respirat Epith	Degeneration	Hyaline, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 4-8 ]		
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

Note: TGL 6-NCL

[ Hyperplasia TGLS = 5-14,14A ]

[ Inflammation TGLS = 5-14,14A ]

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 372

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 733

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913292

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 373

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 1-6A ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 374

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Atrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Moderate
Mesentery	Fat	Necrosis	Marked
[ Necrosis TGLS = 2-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Skin	Subcut Tiss	Fibroma	
[ Fibroma TGLS = 1-10A ]			
* Spleen		Pigmentation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 375

TRT#: 8

SEX: Female

DAY ON TEST: 562

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Cytoplasmic Alteration	Mild
* Liver [ Leukemia Mononuclear TGLS = 2-6 ]	Leukemia Mononuclear	
* Lung	Leukemia Mononuclear	
* Lymph Node, Mandibular	Leukemia Mononuclear	
* Mammary Gland	Dilatation	Minimal
* Pituitary Gland Note: TGL 3-NCL		
* Spleen [ Leukemia Mononuclear TGLS = 1-3 ]	Leukemia Mononuclear	
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 376

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland [ Cyst TGLS = 3-10 ]		Cyst	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver  [ Basophilic Focus TGLS = 4-6A ] [ Mixed Cell Focus TGLS = 4-6A ]		Basophilic Focus Eosinophilic Focus Mixed Cell Focus	
* Mammary Gland  [ Dilatation TGLS = 1-10A ] [ Fibroadenoma TGLS = 2-10B ]		Dilatation Fibroadenoma	Marked
* Nose * Pituitary Gland [ Adenoma TGLS = 5-8 ]	Respirat Epith Pars Distalis	Degeneration Adenoma	Hyaline, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 377

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 4-6A ]			
[ Mixed Cell Focus TGLS = 4-6A ]			
* Lung		Alveolar/Bronchiolar Adenoma	
[ Alveolar/Bronchiolar Adenoma TGLS = 3-2 ]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[ Fibroadenoma TGLS = 1-10A,10B; 2-10C ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 378

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Hyperplasia Pheochromocytoma Malignant	Marked
[ Pheochromocytoma Malignant TGLS = 4-8 ]		
* Heart	Cardiomyopathy	Mild
* Kidney	Cyst Nephropathy	Marked Marked
[ Cyst TGLS = 6-4,4A ]		
[ Nephropathy TGLS = 5-4,4A ]		
* Liver	Angiectasis Basophilic Focus	Mild
Note: TGL 7-NCL		
[ Angiectasis TGLS = 8-6A ]		
* Lymph Node, Mandibular	Hemorrhage Pigmentation	Mild Mild
[ Hemorrhage TGLS = 2-9 ]		
* Lymph Node, Mesenteric	Hemorrhage	Mild
[ Hemorrhage TGLS = 3-8 ]		
* Mammary Gland	Fibroadenoma	
[ Fibroadenoma TGLS = 1-10 ]		
* Nose		
Note: FUNGAL HYPHAE IN NASAL CAVITY.		

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 378

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913298

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

\* Pituitary Gland

Pars Distalis

Adenoma

---

PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 379

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	[ Nephropathy TGLS = 4-4 ]		
* Liver		Hepatocellular Adenoma	
	Note: TGL 5-NCL		
	[ Hepatocellular Adenoma TGLS = 7-6A ]		
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Moderate
	[ Hyperplasia TGLS = 1-10A ]		
Mesentery	Fat	Necrosis	Mild
	[ Necrosis TGLS = 3-15 ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
	[ Adenoma TGLS = 6-8 ]		
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hydrometra	Marked
	[ Hydrometra TGLS = 2-7A ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 380

TRT#: 8

SEX: Female

DAY ON TEST: 639

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Brain			
Note: FRESH BLOOD IN MENINGEAL SPACES IS CATROGENIC. TGL 4-NCL			
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Mild
		Hepatodiaphragmatic Nodule	
* Mammary Gland		Dilatation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 13-4.1 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-6 ]			
* Lung		Hemorrhage	Minimal
[ Hemorrhage TGLS = 9-2A ]		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 8-3A ]			
[ Leukemia Mononuclear TGLS = 11-9A ]			
[ Leukemia Mononuclear TGLS = 7-16 ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-9 ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-8 ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 4-15 ]			
* Ovary		Cyst	Mild

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 381

TRT#: 8

SEX: Female

DAY ON TEST: 656

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913301

ORGAN AND ACCOUNTABLE SITE STATUS

[ Cyst TGLS = 2-7A,7A.1 ]

\* Pituitary Gl

Note: TGL 10-NCL

\* Skin

Subcut Tiss

Leukemia Mononuclear

\* Spleen

Leukemia Mononuclear

Necrosis

Mild

[ Leukemia Mononuclear TGLS = 5-3,3B ]

[ Necrosis TGLS = 12-3B ]

\* Stomach, Glandular

Necrosis

Mild

[ Necrosis TGLS = 14-14,14A ]

\* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla Leukemia Mononuclear;Kidney Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node  
Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node Renal Leukemia Mononuclear;Lymph Node;Mandibular  
Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Skin Subcut Tiss Leukemia Mononuclear;Spleen Leukemia  
Mononuclear;Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 382

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum		Parasite Metazoan	Minimal
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
	[ Basophilic Focus TGLS = 4-6A ]		
	[ Mixed Cell Focus TGLS = 4-6A ]		
* Mammary Gland		Dilatation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Marked
	[ Cyst TGLS = 3-8 ]		
Tongue		Squamous Cell Papilloma	
	[ Squamous Cell Papilloma TGLS = 2-15 ]		
* Uterus		Polyp Stromal	
	[ Polyp Stromal TGLS = 1-7A ]		

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 383

TRT#: 8

SEX: Female

DAY ON TEST: 592

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

AUTO PRECLUDES DIAG.

* Bone Marrow	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas		

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 3-3A ]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 6-8 ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 5-15 ]			
* Pituitary Gland	Pars Distalis	Pigmentation	Mild
[ Pigmentation TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3 ]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Cyst	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Mononuclear; Lung Leukemia Mononuclear; Lymph Node Mediastinal Leukemia Mononuclear; Lymph Node; Mesenteric Leukemia Mononuclear; Spleen Leukemia Mononuclear; Thymus Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 384

TRT#: 8

SEX: Female

DAY ON TEST: 708

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

\* Intestine Large, Colon

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Minimal
* Clitoral Gland		Atrophy	Mild
* Kidney		Mineralization	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
		[ Basophilic Focus TGLS = 4-6B ]	
		[ Hepatodiaphragmatic Nodule TGLS = 2-6A, 3-6 ]	
		[ Mixed Cell Focus TGLS = 4-6B ]	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		[ Angiectasis TGLS = 7-8A.1 ]	
* Skin	Subcut Tiss	Fibroma	
		Ulcer	Marked
		[ Fibroma TGLS = 1-10A ]	
		[ Ulcer TGLS = 5-15 ]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Necrosis	Minimal

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 384

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 708

**DOSE:** 650 PPM

**DISP:** Natural Death

**HISTO:** MA913304

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Necrosis TGLS = 6-14A ]

\* Thymus

Atrophy

Moderate

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**PRIMARY CAUSE OF DEATH**

- Skin Subcut Tiss Fibroma

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 385

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Heart			
Note: TGL 2-NCL			
* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: TGL 1-NCL			
[ Basophilic Focus TGLS = 6-6A ]			
* Mammary Gland		Dilatation	Minimal
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Marked
[ Cyst TGLS = 5-8 ]			
* Thyroid Gland	C Cell	Adenoma	
Note: THYROID CONTRALATERAL TO NEOPLASM WITHIN NORMAL LIMITS. TGL 4-NCL			
[ Adenoma TGLS = 3-2A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 386

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	Minimal
* Kidney		Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[ Cyst TGLS = 3-4A ]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Basophilic Focus TGLS = 4-6,6A ]			
[ Eosinophilic Focus TGLS = 4-6 ]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 387

TRT#: 8

SEX: Female

DAY ON TEST: 561

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

\* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Medulla [ Ganglioneuroma TGLS = 1-8 ]		Ganglioneuroma	
* Liver [ Hepatodiaphragmatic Nodule TGLS = 4-6A ]		Basophilic Focus Hepatodiaphragmatic Nodule	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Mammary Gland [ Dilatation TGLS = 3-10B ] [ Fibroadenoma TGLS = 2-10A ]		Dilatation Fibroadenoma Hyperplasia	Marked  Mild
* Ovary	Interstit Cell	Hyperplasia	Moderate
* Pituitary Gland [ Adenoma TGLS = 5-8A ]	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild
* Stomach, Forestomach [ Hyperplasia TGLS = 6-14,14A.1 ]	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 388

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Clitoral Gland		Cyst	Minimal
[ Cyst TGLS = 4-10 ]			
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Fibrosis	Mild
		Inflammation	Granulomatous, Minimal
[ Angiectasis TGLS = 8-6B ]			
[ Fibrosis TGLS = 6-6A ]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	
		Hyperplasia	Moderate
[ Dilatation TGLS = 3-10C ]			
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
[ Hyperplasia TGLS = 3-10C ]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 7-8 ]			
* Spleen	Capsule	Fibrosis	Mild
[ Fibrosis TGLS = 5-3A ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 388

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913308

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 389

TRT#: 8

SEX: Female

DAY ON TEST: 735

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Hyperostosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
Note: TGL 3-NCL			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: FUNGAL HYPHAE IN NASAL CAVITY.			
* Ovary		Cyst	Marked
[ Cyst TGLS = 2-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[ Adenoma TGLS = 4-8 ]			
[ Cyst TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 389

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 735

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913309

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 390

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Cyst	Marked
[ Adenoma TGLS = 1-10,10A ]			
[ Cyst TGLS = 1-10A ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6A ]			
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
* Nose	Respirat Epith	Inflammation	Chronic Active, Marked
Note: ABUNDANT FUNGAL HYPHAE IN NASAL CAVITY.			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 391

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 3-6A ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 1-7; 2-7A ]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Spleen		Pigmentation	Mild
* Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 693

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
[ Pheochromocytoma Benign TGLS = 6-8 ]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Minimal
[ Hemorrhage TGLS = 11-1 ]			
* Clitoral Gland		Atrophy	Mild
[ Carcinoma TGLS = 2-10B ]		Carcinoma	
* Heart		Hemorrhage	Mild
	Atrium	Thrombosis	Moderate
[ Hemorrhage TGLS = 9-13 ]			
[ Thrombosis TGLS = 12-13 ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung		Leukemia Mononuclear	
Lymph Node	Renal	Pigmentation	Mild
[ Pigmentation TGLS = 8-15 ]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary			
Note: PROMINENT CORPORA LUTEA PRESENT. TGL 14-NCL			

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 392

TRT#: 8

SEX: Female

DAY ON TEST: 693

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913312

**ORGAN AND ACCOUNTABLE SITE STATUS**

* Pituitary Gland	Pars Distalis	Adenoma	
[ Cyst TGLS = 10-8 ]	Pars Distalis	Cyst	Mild
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 4-3 ]			
* Stomach, Forestomach		Ulcer	Marked
[ Ulcer TGLS = 5-14A ]			
* Stomach, Glandular		Necrosis	Mild
[ Necrosis TGLS = 13-14,14B ]			
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: TGL 3-NCL			
* Uterus		Hydrometra	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		
CONTRIBUTORY CAUSE OF DEATH	- Bone Marrow	Leukemia Mononuclear;Liver	Leukemia Mononuclear;Lung Leukemia Mononuclear;Spleen Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 393

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Clitoral Gland		Cyst	Mild
[ Cyst TGLS = 1-10 ]			
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	Multiple
		Hyperplasia	Mild
[ Fibroadenoma TGLS = 2-10A; 3-10B ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 394

TRT#: 8

SEX: Female

DAY ON TEST: 449

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- \* Adrenal Medulla
- \* Brain
- \* Intestine Large, Cecum
- \* Islets, Pancreatic
- \* Lymph Node, Mesenteric
- \* Pancreas
- \* Skin
- \* Thyroid Gland

- \* Blood Vessel
- \* Clitoral Gland
- \* Intestine Large, Colon
- \* Kidney
- \* Mammary Gland
- \* Parathyroid Gland
- \* Spleen
- \* Trachea

- \* Bone
- \* Esophagus
- \* Intestine Large, Rectum
- \* Lung
- \* Nose
- \* Pituitary Gland
- \* Stomach, Forestomach
- \* Urinary Bladder

- \* Bone Marrow
- \* Heart
- \* Intestine Small, Jejunum
- \* Lymph Node, Mandibular
- \* Ovary
- \* Salivary Glands
- \* Stomach, Glandular
- \* Uterus

AUTO PRECLUDES DIAG.

- \* Intestine Small, Duodenum

- \* Intestine Small, Ileum

OBSERVATIONS

- \* Adrenal Cortex
- \* Liver
- \* Thymus

- Angiectasis
- Basophilic Focus
- Hemorrhage

- Mild
- Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

MISSING

\* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	Moderate
	[ Thrombosis TGLS = 10-13 ]		
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 5-6 ]		
* Lung		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 7-2,3 ]		
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 6-3A ]		
	[ Leukemia Mononuclear TGLS = 4-9A ]		
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
	[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10C,10C.1 ]	Hyperplasia	Mild
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 395

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913315

ORGAN AND ACCOUNTABLE SITE STATUS

[ Leukemia Mononuclear TGLS = 8-8 ]	Necrosis	Mild
[ Necrosis TGLS = 8-8 ]		
* Spleen	Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 9-3 ]		
* Stomach, Glandular	Necrosis	Mild
[ Necrosis TGLS = 11-14A ]		
* Thymus	Hemorrhage	Mild
	Leukemia Mononuclear	
* Urinary Bladder	Leukemia Mononuclear	
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Bone Marrow Leukemia Mononuclear;Liver Leukemia Mononuclear;Lung Leukemia Mononuclear;Lymph Node Mediastinal Leukemia Mononuclear;Lymph Node Pancreatic Leukemia Mononuclear;Lymph Node;Mandibular Leukemia Mononuclear;Lymph Node;Mesenteric Leukemia Mononuclear;Mesentery Leukemia Mononuclear;Pituitary Gland Leukemia Mononuclear;Spleen Leukemia Mononuclear;Thymus Leukemia Mononuclear;Urinary Bladder Leukemia Mononuclear

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 396

TRT#: 8

SEX: Female

DAY ON TEST: 668

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Leukemia Mononuclear	
		Necrosis	Marked
	[ Leukemia Mononuclear TGLS = 2-6 ]		
	[ Necrosis TGLS = 3-6A ]		
* Lung		Hemorrhage	Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
	[ Hemorrhage TGLS = 5-2A ]		
	[ Inflammation TGLS = 5-2A ]		
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi	Degeneration	Hyaline, Mild
	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 6-8 ]		
* Spleen		Leukemia Mononuclear	
	[ Leukemia Mononuclear TGLS = 1-3 ]		
* Stomach, Glandular		Necrosis	Mild
	[ Necrosis TGLS = 7-14, 14A ]		
* Thymus		Atrophy	Mild

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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**ANIMAL ID:** 396

**TRT#:** 8  
**DOSE:** 650 PPM

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:** 668  
**HISTO:** MA913316

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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\* Thyroid Gland  
[ Carcinoma TGLS = 4-2 ]

C Cell

Carcinoma

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PRIMARY CAUSE OF DEATH

- UNCERTAIN

CONTRIBUTORY CAUSE OF DEATH

- Adrenal Medulla    Leukemia Mononuclear;Liver    Leukemia Mononuclear;Lung    Leukemia Mononuclear;Spleen    Leukemia Mononuclear

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 397

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 2-10B ]			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[ Infiltration Cellular TGLS = 6-2A ]			
[ Leukemia Mononuclear TGLS = 6-2A ]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Marked
		Hyperplasia	Mild
[ Dilatation TGLS = 1-10A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			
* Skin		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[ Fibrosis TGLS = 4-3A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 397

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 734

**DOSE:** 650 PPM

**DISP:** Terminal Sacrifice

**HISTO:** MA913317

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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[ Leukemia Mononuclear TGLS = 3-3 ]

\* Stom Gland

Note: TGL 8-NCL

\* Thymus

Atrophy

Mild

\* Thyroid Gland

C Cell

Hyperplasia

Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 398

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Clitoral Gland		Cyst	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
[ Basophilic Focus TGLS = 5-6A ]			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Ovary		Cyst	Moderate
[ Cyst TGLS = 3-7 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 399

TRT#: 8

DOSE: 650 PPM

SEX: Female

DISP: Natural Death

DAY ON TEST: 691

HISTO: MA913319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Uterus

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Small, Ileum	* Urinary Bladder
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OBSERVATIONS

* Bone Marrow		Fibrosis	Moderate
* Kidney		Inflammation	Chronic Active, Moderate
	Renal Tubule	Pigmentation	Mild
[ Inflammation TGLS = 5,10-4A ]			
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 7-6 ]			
* Lung			
Note: TGL 8-NCL			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Renal	Hemorrhage	Marked
	Mediastinal	Leukemia Mononuclear	
[ Hemorrhage TGLS = 6-15 ]			
[ Hemorrhage TGLS = 9-3A ]			
[ Leukemia Mononuclear TGLS = 9-3A ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
[ Hemorrhage TGLS = 3-8,8.1 ]			
[ Leukemia Mononuclear TGLS = 3-8,8.1 ]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[ Cyst TGLS = 2-7A ]			

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05  
**Test Type:** CHRONIC  
**Species/Strain:** Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** 1-Chloro-2-propanol, technical  
**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 16:37:30  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

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<b>ANIMAL ID:</b> 399	<b>TRT#:</b> 8 <b>DOSE:</b> 650 PPM	<b>SEX:</b> Female <b>DISP:</b> Natural Death	<b>DAY ON TEST:</b> 691 <b>HISTO:</b> MA913319
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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* Pituitary Gland [ Cyst TGLS = 11-8,8.1 ]	Pars Distalis	Cyst	Minimal
* Skin		Leukemia Mononuclear	
* Spleen [ Leukemia Mononuclear TGLS = 4-3 ]		Leukemia Mononuclear	
* Thymus		Atrophy	Mild

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PRIMARY CAUSE OF DEATH	- UNCERTAIN						
CONTRIBUTORY CAUSE OF DEATH	- Liver	Leukemia Mononuclear;Lymph Node	Mediastinal	Leukemia Mononuclear;Lymph Node;Mesenteric	Leukemia Mononuclear;Skin	Leukemia Mononuclear;Spleen	Leukemia Mononuclear

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Animal Note: CARCASS THIN, YELLOW, TGL 1-NST

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 400

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Intestine Large, Colon		Parasite Metazoan	Minimal
* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
[ Basophilic Focus TGLS = 4-6A ]			
* Lung	Mediastinum	Necrosis	Minimal
Note: TGL 7-NCL			
[ Necrosis TGLS = 5-15 ]			
* Mammary Gland		Dilatation	Moderate
		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A; 2-10B; 3-10C ]			
* Nose	Respirat Epith	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 401

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Basophilic Focus	
Note: TGL 5-NCL			
[ Basophilic Focus TGLS = 7-6A ]			
* Mammary Gland		Dilatation	Mild
		Fibroadenoma	Multiple
		Hyperplasia	Minimal
[ Fibroadenoma TGLS = 1-10A; 2-10B ]			
Mesentery	Fat	Necrosis	Mild
[ Necrosis TGLS = 3-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 6-8 ]			
* Thymus	Epithel Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[ Polyp Stromal TGLS = 4-7A ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 402

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Mild
	[ Vacuolization Cytoplasmic TGLS = 3-6A; 4-6B ]		
* Mammary Gland		Dilatation	Marked
		Hyperplasia	Moderate
	[ Dilatation TGLS = 1-10A; 2-10B ]		
	[ Hyperplasia TGLS = 1-10A; 2-10B ]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[ Adenoma TGLS = 5-8 ]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 403

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 3-6A ]			
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-15 ]			
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Urinary Bladder		Papilloma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 404

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Angiectasis TGLS = 2-6A ]			
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Degeneration	Hyaline, Minimal
	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 3-8 ]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 405

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913325

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex		Angiectasis	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
[ Basophilic Focus TGLS = 2-6A ]			
* Mammary Gland		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10 ]			
* Nose	Olfactory Epi	Degeneration	Hyaline, Minimal
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 406

TRT#: 8

SEX: Female

DAY ON TEST: 634

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney Note: PELVIS WITHIN NORMAL LIMITS. Note: TGL 7-NST; TGL 9-NCL [ Nephropathy TGLS = 2-4 ]		Nephropathy	Marked
* Lymph Node, Mandibular [ Hemorrhage TGLS = 4-9 ]		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Marked
Mesentery	Fat	Necrosis	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen	Capsule	Cyst	Minimal
	Capsule	Fibrosis	Mild
		Pigmentation	Mild
[ Cyst TGLS = 8-3 ]			
[ Fibrosis TGLS = 6-3A ]			
* Stomach, Forestomach Note: LESION IS IN FORESTOMACH AT JUNCTION WITH GLANDULAR STOMACH. [ Ulcer TGLS = 5-14,14A ]		Ulcer	Moderate
* Thymus		Atrophy	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: CARCASS THIN, TGL 1-NST; THORACIC CAVITIES .5-1CC CLEAR FLUID, TGL 3-NST

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 05160-05

**Test Type:** CHRONIC

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** 1-Chloro-2-propanol, technical

**CAS Number:** 127-00-4

**Date Report Requested:** 10/16/2014

**Time Report Requested:** 16:37:30

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

**Lab:** TSI MASON

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**ANIMAL ID:** 406

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 634

**DOSE:** 650 PPM

**DISP:** Moribund Sacrifice

**HISTO:** MA913326

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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Animal Note: LEFT KIDNEY MISSING AT NECROPSY.

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\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 407

TRT#: 8

SEX: Female

DAY ON TEST: 489

DOSE: 650 PPM

DISP: Natural Death

HISTO: MA913327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Spleen			

OBSERVATIONS

* Bone Marrow		Atrophy	Mild
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Granulomatous, Minimal
* Mammary Gland		Dilatation	Mild
		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8 ]			
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 408

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913328

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Dilatation	Marked
		Fibroadenoma	
[ Dilatation TGLS = 1-10 ]			
[ Fibroadenoma TGLS = 2-10A ]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 409

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Bone		Hyperostosis	Mild
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 2-6A ]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 3-8 ]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus	Bilateral	Hydrometra	Marked
[ Hydrometra TGLS = 1-7 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 410

TRT#: 8

SEX: Female

DAY ON TEST: 649

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[ Eosinophilic Focus TGLS = 2-6A ]			
* Mammary Gland		Dilatation	Moderate
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 1-8A ]			
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 411

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Inflammation	Granulomatous, Minimal
[ Basophilic Focus TGLS = 3-6A ]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Dilatation	Minimal
		Fibroadenoma	
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 2-8 ]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 412

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[ Carcinoma TGLS = 2-10B,10C ]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Vacuolization Cytoplasmic	Mild
Note: TGL 4-NCL			
[ Vacuolization Cytoplasmic TGLS = 6-6A ]			
* Lymph Node, Mesenteric		Hyperplasia	Histiocytic, Mild
* Mammary Gland		Fibroadenoma	Multiple
[ Fibroadenoma TGLS = 1-10A ]			
* Ovary		Cyst	Marked
[ Cyst TGLS = 3-7 ]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 5-8 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 413

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Ear	External Ear	Hyperplasia	Marked
Note: THE HYPERPLASIA IS OF THE KERATIN LAYER OF THE EPITHELIUM. [ Hyperplasia TGLS = 3-15, 15.1 ]			
* Kidney		Mineralization	Minimal
* Liver		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 2-6 ]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Dilatation	Minimal
		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Leukemia Mononuclear	
[ Leukemia Mononuclear TGLS = 1-3 ]			

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 414

TRT#: 8

SEX: Female

DAY ON TEST: 714

DOSE: 650 PPM

DISP: Moribund Sacrifice

HISTO: MA913334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Basophilic Focus Hepatodiaphragmatic Nodule	
[ Basophilic Focus TGLS = 5-6A ]			
[ Hepatodiaphragmatic Nodule TGLS = 3-6 ]			
* Mammary Gland		Dilatation	Moderate
Mesentery	Fat	Necrosis	Moderate
[ Necrosis TGLS = 2-15 ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[ Adenoma TGLS = 4-8 ]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild
		Ulcer	Marked
[ Inflammation TGLS = 6-14 ]			
[ Ulcer TGLS = 6-14A ]			
* Uterus		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH

- Pituitary Gland Pars Distalis Adenoma

Animal Note: CARCASS THIN, TGL 1-NST

\* PROTOCOL REQUIRED TISSUE

Experiment Number: 05160-05

Test Type: CHRONIC

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 1-Chloro-2-propanol, technical

CAS Number: 127-00-4

Date Report Requested: 10/16/2014

Time Report Requested: 16:37:30

First Dose M/F: NA / NA

Lab: TSI MASON

ANIMAL ID: 415

TRT#: 8

SEX: Female

DAY ON TEST: 734

DOSE: 650 PPM

DISP: Terminal Sacrifice

HISTO: MA913335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[ Basophilic Focus TGLS = 1-6,6A ]			
[ Mixed Cell Focus TGLS = 1-6A ]			
* Nose	Respirat Epith	Degeneration	Hyaline, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[ Cyst TGLS = 2-8 ]			
* Thymus	Epithel Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

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\*\* END OF REPORT \*\*

\* PROTOCOL REQUIRED TISSUE